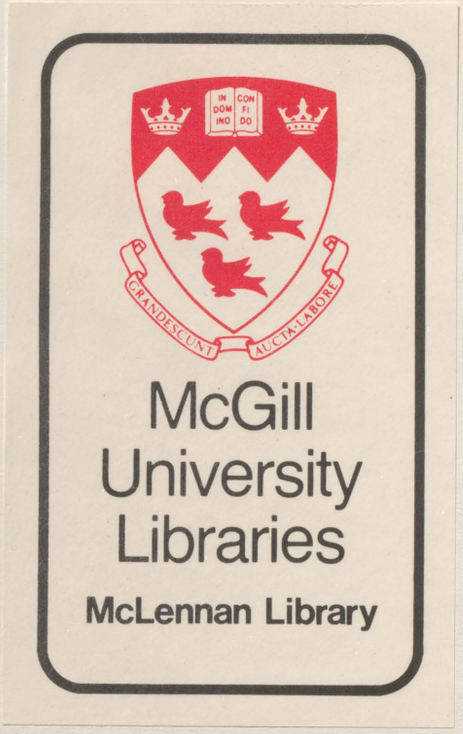
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McGill News

September 1983

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Bellairs: Canada's
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LETTERS

Dear McGill News,

I was delighted with the June issue of the *McGill News* and I would like to compliment you and your staff for a job well done. The articles are diverse and interesting, written in an upbeat way which is most refreshing in these days of stress, doom and gloom. They cover a broad spectrum of what McGill is all about, and I can assure you that I have read this issue from cover to cover.

The idea of covering the various faculties and showing us pictures of the deans is most commendable and I was most encouraged by the message that came through from Agriculture, Law and Science.

Having played tennis with Bob Stevenson on many occasions during the past year, I had no real idea of what he was doing at McGill or anything much of his background; the article on the new Dean of Students was therefore particularly pertinent.

I am sure we are all encouraged by the good news on the McGill-Queen's University Press and it is gratifying to learn of the help of the University of Toronto Press in getting us over some difficult times.

The McGill Palliative Care Service article was done with insight, compassion and intelligence covering a most difficult subject. Dr. Mount gave the address at the Convocation of the Health Sciences on June 2nd, and I found him to be a most fascinating individual – your article adds much depth to my perception of what he and his staff are all about.

The articles on microtechnology and on Brian Macdonald were excellent, as the article states (with respect to the computer) "Today few can escape its influence," therefore the more we know about computers the better.

Finally, I would like to offer a special vote of thanks for the article entitled "McGill's Athletic Medics" which was very well done and gave us a short but incisive description of three quite different individuals who are able to combine excellence in academics with excellence in athletics. Intercollegiate athletics are of great importance for our university and it is fitting and proper that publications, such as the *McGill News*, provide insights into the players, the teams and the coaches. Having had some small connection with intercollegiate football and hockey, I am impressed by the quality of the men who coach these sports and of their dedication to McGill and to the students who play on their teams. I am aware also of the literally hundreds of hours that these men put in beyond the limits of their strict coaching duties, attempting to contact and recruit the best quality of student athletes to come to our university. These men receive very little recognition or praise for the work they do. Their financial rewards are minimal, and in some cases almost nonexistent and yet they are a most important part of the McGill indentity. I would like to suggest that at some point in the future it may be possible for you to do an article highlighting some of these exceptional individuals.

Once again my thanks and best wishes.

Yours sincerely,

R.O. Hill, M. D.
Senior Radiologist
Department of Diagnostic Radiology
The Montreal General Hospital
Associate Professor
Faculty of Medicine, McGill University

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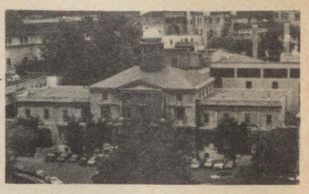
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During his June 18, 1983 convocation address, Professor of Economics Benjamin Higgins told McGill Arts and Law graduates that they should stay in Quebec and make Montreal the "Boston of Canada."

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Veteran journalist I. F. Stone was his audacious and witty self this year at the Beatty Public Lecture Series when he denounced Socrates and his illustrious disciple Plato for being "anti-democratic."



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Cover: At work on a project to preserve a shoreline on the island of Barbados, Bellairs Research Institute boatman-diver waits for his partially submerged colleague to take the plunge.

Cover photo: Vivian Kellner

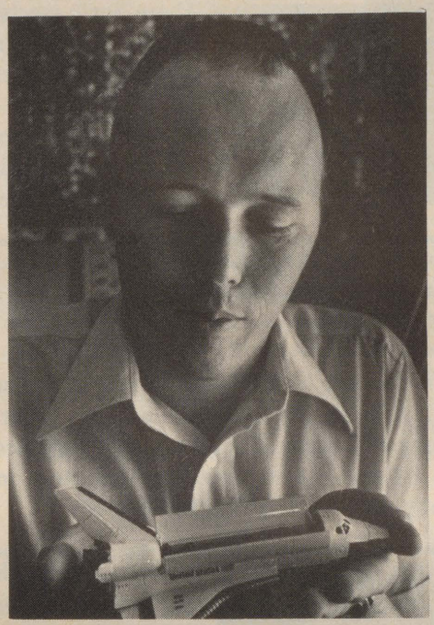
NEWSBREAK

Custom and ceremony

Approximately 4,200 students graduated this year from McGill's twelve faculties and ten schools. At convocation ceremonies held in June, eight honorary degrees were also awarded – including a doctor of divinity degree to literary theorist **Northrop Frye**, who gave the address at the Religious Studies, Music, Science and Graduate Studies Convocation. A further highlight was the presentation of gold medals to the top four graduating students in engineering. All the recipients are Montreal women: **Anne McQueen** in chemical engineering, **Margaret Furst** and **Caroline Firstbrook** in electrical engineering, and **Diane Julia Durnford** in mechanical engineering.

After more than thirty years of service to McGill, **Robert Bell**, PhD'48, DSc'79, and his wife **Jeanne Bell**, BA'47, BLS'53, LLD'78, have left the university to take up residence in British Columbia. Dr. Bell has been named the first director of Vancouver's Arts, Sciences, and Technology Centre. He was McGill's principal from 1970 to 1979 and has been the Rutherford Professor of Physics since 1960. Mrs. Bell has served for many years on the university's visual arts and museums committees. More recently, she was coordinator of the Women's Centennial Committee, established to organize activities marking the 1984 centennial anniversary of the first admission of women to McGill. She has been replaced in this capacity by **Arlene Gaunt**, associate director of Industrial Research McGill.

The hopes of physiology professor **Douglas Watt** to become the first Canadian in space have come a step closer to fulfillment. Federal science and technology minister Donald Johnston recently announced that Watt's experiments on space sickness could be one of two Canadian research projects to be tested in orbit on NASA space shuttle flights in late 1985 or early 1986.



Dr. Douglas Watt

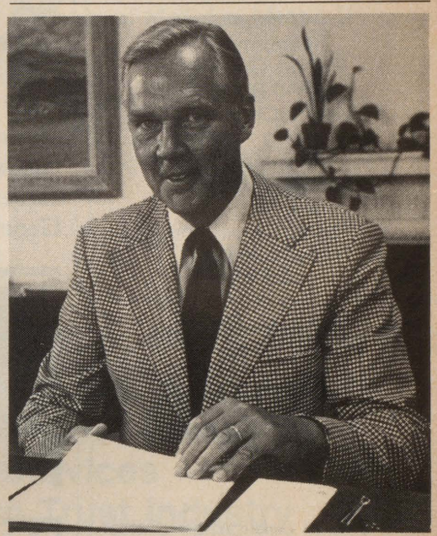
Dean of Science **Svenn Orvig**, MSc'51, PhD'54, recently received this year's Patterson Medal, the country's highest meteorological honour. In announcing the award, federal environment minister John Roberts cited Orvig's "outstanding contribution to our knowledge and understanding of the climates of polar regions."



Dr. Robert and Jeanne Bell

Many small businesspeople and would-be entrepreneurs took advantage this summer of a low cost consulting service offered by McGill's MBA students. Services included advice on start-up procedures, market planning, and budgeting. The non-profit bureau was supported by an advisory board consisting of McGill Management Faculty members, and it enjoyed direct access to the university's computer and library systems.

Charles Scriver, BA'51, MD'55, professor of biology and pediatrics and co-director of McGill's Medical Research Council Group in Medical Genetics, recently became the first Canadian to deliver the Rutherford Lecture to the Royal Society in London, England. Dr. Scriver's presentation was entitled "An Evolutionary View of Disease in Man."



Dr. Svenn Orvig

Of the eighteen major research grants awarded by Imperial Oil Ltd. to Quebec researchers, four went to members of McGill's Faculty of Engineering: Professors **David Cooper**, PhD'73, **John Dealy**, **Oliver Jensen**, and **Ronald Neufeld**.

Professor **Henry Mintzberg**, BEng'61, from the Faculty of Management, was recently awarded the honorary degree "La Laurea ad honorem in Economica e Commercio" from the University of Venice, Italy. □

Ian Barrett

Henry J. Kahanek

WHAT THE MARTLET HEARS

"Foreign agent," Terri Nash, makes good



Courtesy of the NFB

Back in Montreal with Oscars in hand, Terri Nash and her NFB producer, Eddie Le Lorrain, are all smiles.

Making the dean's list, finishing a doctorate, and winning an Academy Award – all in four months – would seem like no mean feat. But Terri Nash, PhD'83, takes such accolades in stride. Nash is the researcher, editor, and director of the controversial National Film Board (NFB) film *If You Love This Planet*. It won a special award presented by the World Peace Council at the 25th International Leipziger Documentary and Short Film Festival in Leipzig, Germany last year and an Academy Award in April of this year.

Nash began the film in 1979 after attending a talk by Dr. Helen Caldicott, national president of the American-based Physicians for Social Responsibility, whose members lecture on the medical consequences of nuclear war. Nash remembers that Caldicott enumerated the disasterous effects of a nuclear attack and then went on to say: "You have to figure out what you can do yourself. Think of your own life situation." Nash immediately thought of her first love, film. She says: "What I could do, and what Caldicott couldn't, was to be in a lot of places at the same time. That's the power of film, to multiply the message."

Inspired by Caldicott, whose delivery Nash likens to that of a brilliant lawyer presenting a case, Nash followed her to Plattsburgh State College, in New York. There Nash videotaped more than two hours of another electrifying Caldicott lecture. Having taken along three cameras so as not to lose anything while changing rolls of film, Nash eventually found herself somewhat disappointed.

"I had the opening shots already fixed in my head," she explains. "Then Caldicott changed her lecture. And I was horrified. But I had learned that in documentary filmmaking you go with what you've got."

After showing the video to several colleagues, Nash feared that it was destined for the shelf. But deciding to continue her research, she went to Washington, D.C., where by fortunate coincidence, she found in the National Archives rare and alarming material on American nuclear warfare and testing, including recently declassified military/medical footage taken seven months after the 1945 bombing of Hiroshima.

During a five-day visit to America's capital, Nash also lived through two frightening, but fortunately false, nuclear alerts. "They were announced on the news, followed by three minutes of commercials," Nash says. "Three minutes is not a long time, but when you have only another fourteen minutes until the end of the world, those three minutes become staggeringly long. Nothing could more convince me to make the movie than experiencing those two alerts."

Mixing archival footage with shots from Caldicott's Plattsburgh lecture, Nash had her film. She then turned over to her NFB producer, Eddie Le Lorrain, a stark 26-minute documentary, intense and ludicrously funny by turns. "I meant it to be funny at certain points," says Nash. "I felt that people would need to laugh, to take a break. If it were too intense, they would turn off. I also felt that by keeping it short, audiences could take it."

Nash knew that if the film was under half an hour in length it would receive twenty to thirty times the exposure than would a longer film. It would be appropriate to screen in schools and before feature films in movie theatres. But a final event nearly prevented any subsequent screenings of the film at all.

The United States Department of Justice became outraged at the less than complementary attitude of the film toward their government. They ordered that if the film was to be shown, it must bear a disclaimer that read, "foreign propaganda." Consequently the NFB moved to stop distribution of *If You Love This Planet* in the States. The film was also to be withdrawn from the Academy Awards competition, but fortunately the Academy Awards committee does not allow its nominees to withdraw.

By then the media knew about the compulsory disclaimer, which also made mandatory the reporting to the U.S. government of all theatres and television stations that would screen the film. Many Canadian and American politicians were becoming incensed. And finally the American Civil Liberties Union stepped in and filed suit against the United States Government. Withdrawal from the Academy Awards, for several reasons now, was out of the question.

And the rest is history. On the evening of the Academy Award festivities in Hollywood, Nash and her producer Le Lorrain appeared on prime-time television with smiles and Oscars in hand. In her acceptance speech, she thanked the United States Justice Department for helping to publicize *If You Love This Planet*, (which has sold more prints and has been seen by more people than any other 1982 NFB release). The United States, said Nash, sure knows how to show a "foreign agent" a good time. *Louise Ratelle*□

Homeless women in Montreal

They are the invisible segment of society. Homeless women, suffering from severe isolation, rejected and abused by parents, husbands, and so-called lovers, caught in a tragic cycle of despair and defeat. Some have a history of violent acts or addiction problems; others are reduced to begging on the streets or prostitution (a bed's a bed). They scratch out some sort of survival in a society that refuses to acknowledge their existence.

"They aren't news," says Emeritus Professor of Sociology Aileen D. Ross, author of *The Lost and the Lonely: Homeless Women in Montreal*. "We don't hear about them unless they get run over by René Lévesque. Particularly the elderly, lonely, rejected women. They can't get to shelters. They can't walk far and they can't afford transportation. What happens to

them? They die in street accidents, drunk or stoned..."

Dr. Ross became fascinated with the problems of homeless women after her retirement in 1970. "A sociologist is very lucky – you can always go on doing research. I became very interested in the concept of loneliness. It's an epidemic in our society. I began to look around, and everyone told me that there were lots of people in that situation, but no-one seemed to know much about them." Then she made contact with Sheila Baxter, who had run an experimental all-night, sit-up shelter for women and was about to open the first women's day shelter. (There are many more places for destitute men in Montreal's shelters and missions – up to 600, as opposed to just 60 to 80 for homeless women, whose plight has only recently begun to attract attention.)

The project took seven years. Many of the sociologist's usual tools were of little help in this study: there could be no questionnaires, no personal questions unless the women volunteered information, no statistics, not even any full names. "These women have been harassed," explains Ross. "They've been to all the social agencies. The last thing they need is more questions. It was more difficult for me this way, but it was better for the women."

The Lost and the Lonely is based on Dr. Ross's observations of the women who came to two downtown shelters: Chez Doris, a day shelter that serves a free hot lunch and tea and coffee all day long, and Maison Marguerite, a night shelter run by Soeurs Grises de Montréal. Between the two shelters, hundreds of women have found a place to go and a sympathetic ear. But still, says Dr. Ross, "it's a heartrending selection process every night. Every night they have to turn away women. Will they keep one woman for three nights – does she deserve it more than someone else? Imagine having to send someone out into the cold without a cent!"

Funding is always a problem, and particularly today, with major social service cutbacks in Quebec. But one encouraging sign is the generosity of the community. "When Soeur Georgette Leduc was opening Maison Marguerite, she got the most incredible donations: a television, a clothes dryer, everything!" Similarly, Chez Doris simply could not function without its corps of dedicated volunteers, who give time, money, services, food, and clothing.

Destitute women, says Dr. Ross, tend to "keep up appearances" better than do men in the same situation. "People who visit the shelters are sometimes almost disappointed ...they come expecting to see dirty old hulks!" But the need is great, even if the women do not at first glance appear to be in dire straits. Dr. Ross hopes to help raise their visibility in the community. *Kathe Lieber*□

McGillFEST to launch National Universities Week

McGill's Principal and Vice-Chancellor David Johnston is currently serving as the co-chairman of National Universities Week, which will run this year from October 2 to 8. At this time, McGill and other universities across Canada will join together to celebrate the achievements of higher education. "National Universities Week is a tribute to the role that universities play in our local, regional, and national development," explains Johnston. "Never before have Canadian universities joined in celebrating their achievements on a nation-wide scale."

Actually McGill will begin its festivities on September 30, October 1 and 2 with their eleventh Open House entitled McGillFEST/McGill en fête. "McGillFEST weekend is our university's major contribution to National Universities Week," explains Principal Johnston. And McGillFEST coordinator Maisie Cheung says: "McGillFEST is not just the usual Open House. It has been designed to draw every sector of the Montreal community into McGill's activities. In particular, it will stress research and community projects that convey the links between McGill and the day-to-day lives of the public." For example, the McGill Committee for Studies on Aging will hold an open symposium on housing and transportation for Montreal's senior citizens. And elderly participants in this program will be given special tours of the campus.

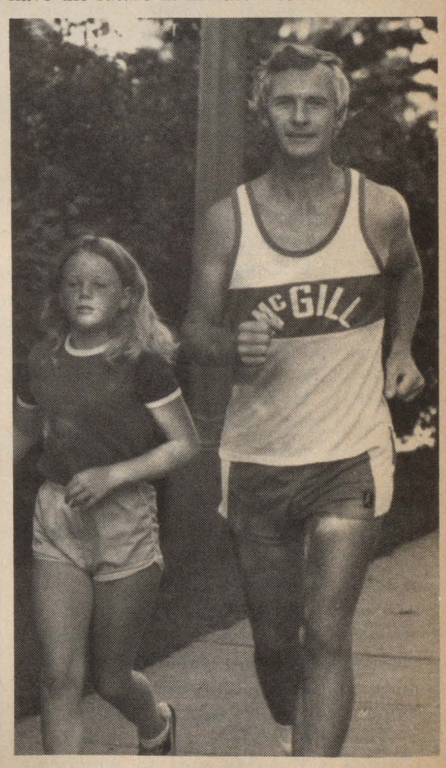
In addition to the ever-popular campus tours, McGillFEST will focus on scheduled events. On Saturday, October 1, McGillFEST's main ceremony will take place. At 11:30 a.m. the starting gun will be fired for a 10-kilometer road race. Local groups are invited to register individually or in teams by September 26. The proceeds from the $5 registration fee will be forwarded to the McGill Cancer Centre.

Other weekend highlights will include four performances of a classical ballet produced by the department of education in arts, the staging of the Greek play, *Heracles*, by the classics department, and the screening of McGill graduate Terri Nash's Academy Award-winning film, *If You Love This Planet*. A mini-farm will be set up on the downtown campus by the Faculty of Agriculture. And there will also be open clinics run by McGill Legal Aid and the School of Occupational Health and Safety for adults and computer games, clowns, hot-air balloons, and free daycare on campus for children.

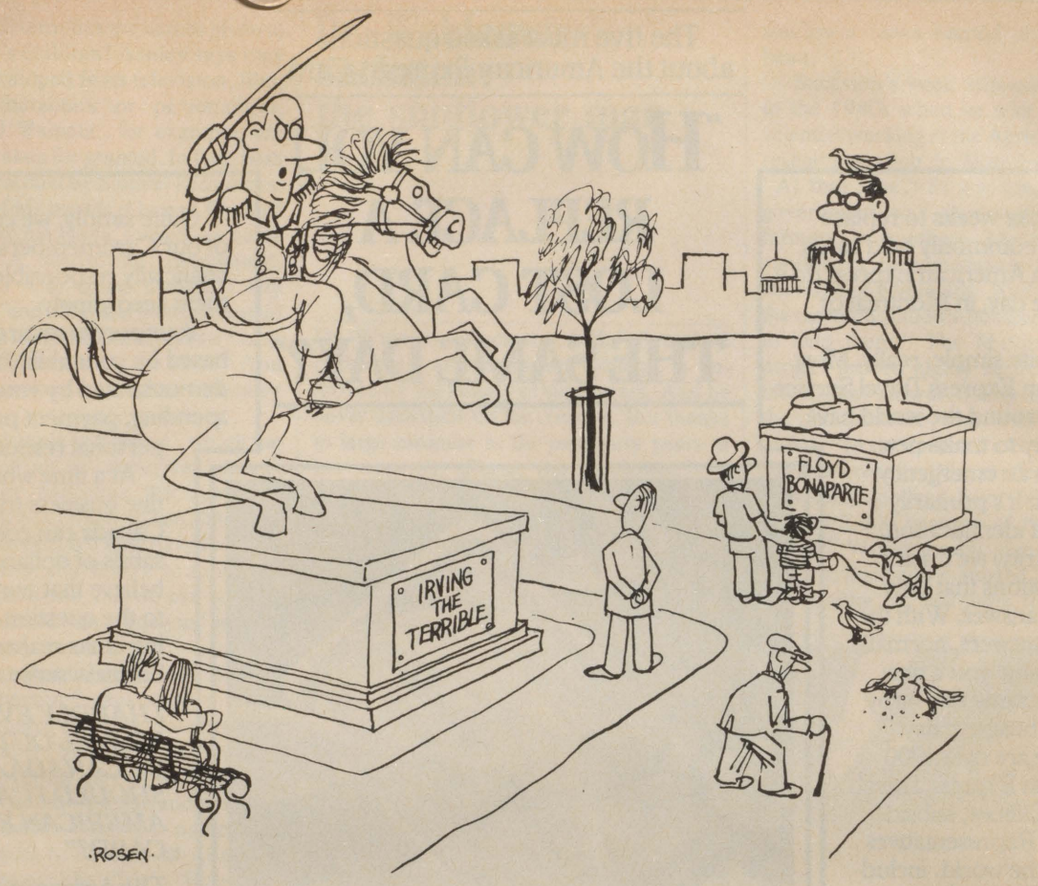


"We wish to include everyone, from the very young, to the very old. This is to express the fact that McGill is a highly accessible institution whose involvement in the community goes much further than academic excellence," says Cheung. "Basically there are no limits to what is being featured and for whom."

So mark September 30 and October 1 and 2 on your calender as McGillFEST and the following week from October 2 to 8 as National Universities Week. During this period the numerous events taking place on the downtown and Macdonald campuses will be open to all. (For more information please call 392-4250.) And at these autumnal festivities, returning graduates, staff, students, and the public will have the chance to discover that at McGill – "We have the future in minds." *Nomi Morris*□



Principal David Johnston and his daughter, Alexandra, helped raise money for the McGill Cancer Centre by running in the 10-kilometer race during last year's Open House.



David Rosen

"What's in a name?"

"Would you trust a surgeon named 'Bambi'? Have you ever met an Anglican priest named 'Buck'?" Onomatologist Leonard Ashley, BA'49, MA'50, asks these questions with serious bemusement. Names, he says, profoundly affect our lives.

Onomastics, a branch of linguistics, studies the phenomena of how names shape us and how we shape them. Ashley is president of the American Name Association, a member of half a dozen linguistic associations, and regularly attends international conferences on onomastics. His book, *Names*, has just been published by Washington Square Press, and he is working on a new volume about place names.

Ashley is one of those Montrealers who are now completely at home in New York. He teaches English literature at Brooklyn College and lives a block away from the campus in an anachronistic New Amsterdam version of a French chateau. His living room, full of shadows and antique furniture, is barely lit by two tiny lamps, and behind his head, seventeeth century portraits look down sternly from behind layers of varnish. All this provides a scholarly backdrop for Ashley's humour and exuberant, parenthetical discourse.

Names, he begins, are magical. If we know the name of something, we have power over it. Conversely, when we name something, we attribute qualities to it. When we name a child or a literary character, we affect the way other people perceive them. Names carry expectations.

"Even kindergarten children will agree that someone named 'Michael' runs, while someone named 'Hubert' sits," explains Ashley. "It's not the derivation of the name that really matters: sure, 'George' comes from a Greek word that means 'farmer', but 'George' carries other associations now. We think of an ineffectual worker, or a weak husband. For reasons that psychologists haven't been able to fathom, names don't carry the old meanings anymore. Psychologists are telling us that 'Tony' conveys an image of somebody who is sociable, 'Adrian' somebody artistic, and 'Michael' strong, but 'Hubert' and 'Isidore', people who are weak."

As an English teacher, Ashley is preoccupied with literary onomastics, the way an author sets up certain expectations with the name of a character. The author can help create a personality or alert us to the social standing or fate of these imagined individuals. Witness, as blatant examples, the 'Sir Foping Flutters' or the 'Armaggedon T. Thunderbirds' in farce. An author can suggest that a 'Shamwell' or a 'Cheatley' will behave unreliably. We can expect stratagems from someone named 'Archer' or 'Aimwell'. Or we can discern a character's social standing or fate as with Willy Loman (Low Man) in Arthur Miller's *Death of a Salesman*.

"As far as I know," says Ashley, "nobody has yet written an article on how a writer can use personal names to suggest a character or person's religion." But they can. He cites the examples of men named 'Moishe' or 'Kevin' or 'Wesley' – each telling us respectively 'Jewish', 'Irish Catholic', or 'Methodist'. But here we have to be careful.

Ashley is off on one of his frequent, sparkling parentheses. He explains that the connotations of names are changing rapidly. At least in the New York area, names like 'Bruce' and 'Stuart' are becoming indicative of Jewish families assimilating into WASP culture. And the names we think of as 'Jewish', like 'Sidney' and 'Norman', actually hail from the British aristocracy.

In yet another quick parenthesis, he explains that middle-class mothers in the nineteenth century gave their children the names of Anglo-Saxon and Norman warlords – like 'Seymore', 'Irving', and 'Hubert'. We might note how those associations have changed. The point is that we try to attribute specific virtues to our children or to fictional characters when we name them.

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And what determines the names given to most of today's children? Ashley says they are names developed from television, film, or literary characters or personalities. 'Clarissa' and 'Pamela', for example, are names we've taken for granted. In fact, both names were invented by Samuel Richardson for heroines of his novels. George Bernard Shaw, in one of his plays, coined the name 'Gloria', for a headstrong, determined, young woman who could dominate any man. 'Pamela' and 'Clarissa' both embodied qualities of purity and humility. How many 'Glorias' or 'Clarissas' do we know? And what kind of overtones do such names carry now?

Another example is 'Darren', which the British adopted as an 'American' name, only after they had seen the television program *Bewitched* (when, in fact, 'Darren' is an African name). We may have to wait a while for 'Tootsie' and 'R2D2' to appear on a baptismal certificate, but we can wonder how many 'Farrahs' and 'Jaclyns' will be with us in twenty years.

"Names are faddish and can indicate the age of a person," says Ashley. "If I offered you a choice of a blind date between a 'Martha' and a 'Sandra', whom would you choose? Martha carries an image of someone with her hair in a bun and wrinkles around her mouth. Women's names are especially subject to change. Most of the 'vegetable' names like 'Iris', 'Rose', or 'Daisy', are now out and the 'stewardess' names, like 'Kimberly', 'Tracey', and 'Stacey' are in. Men's names, on the other hand, are generally more resistant to change. We still have a lot of new 'Michaels' and 'Johns' and 'Christophers' and 'Davids', but not too many, if any, 'Clints' or 'Rocks'.

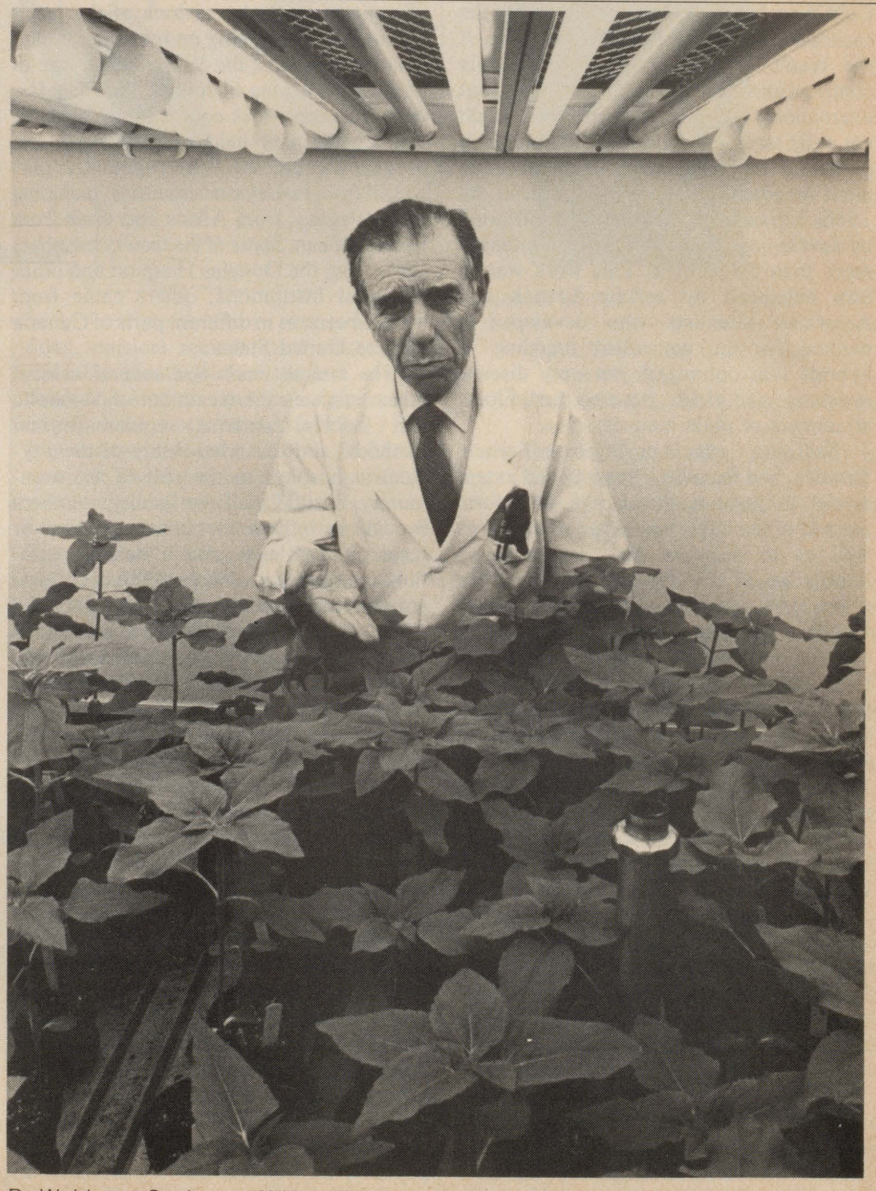
As for his own name? Well, 'Ashley' derives from the tree – the ash – and a field – a lea. In ages past, it had Druidic connotations. Today it's just another WASP name. 'Leonard' comes from 'Lion-hearted', but certainly doesn't connote that anymore. "Most people think of a Leonard as a chartered accountant with horned-rimmed glasses," says Ashley.

Names in the public eye and ear affect all of us. They affect the way we see namesakes. For example, James Earl Carter became 'Jimmy' Carter after James Earl Ray had gotten enough press. And the names that have become stereotypes through their use in literature or in the media can make or break their bearers. Pity the boy named 'Zeke' who will be taken for a hayseed, or the girl named 'Lola', who will be taken – for granted. Ashley is simply telling us: be aware when you name someone. *John Geeza* □

Dr. Waldemar Sackston: the sunflower man

Dr. Waldemar Sackston, MSc'40, a plant pathologist at Macdonald College, is unmoved by the beauty of sunflowers. And he never uses their oil for cooking. But thanks in large measure to the past forty years of his research efforts, the sunflower – a member of the botanical family that includes chrysanthemums, lettuce, and ragweed – is now a major commercial crop. Its seeds are in growing demand in the confectionary trade; and as a source of vegetable oil, the sunflower ranks second only to the soybean.

Sackston's work with sunflowers began in the 1940s when he was a young plant scientist working at the Agriculture Canada research station in Winnipeg, Manitoba. "At that time," he explains, "the federal government was encouraging Mennonite farmers in southern Manitoba to grow sunflowers to compensate for a wartime shortage of edible oils. And the director of the research station volunteered my services to help them." The Manitoba sunflower project proved highly successful and continued after the war. But by the early 1950s, the plant disease, rust, was ravaging crop yields. "In the space of a couple of years," Sackston recalls, "the sunflower acreage in Manitoba declined from 60,000 acres to around 2,000 because of the tremendous losses." Working with plant breeder Eric D. Putt, Sackston managed to avert a total catastrophe by searching for and finding



Vivian Kellner

Dr. Waldemar Sackston: "Without international cooperation, sunflowers would not exist as a crop."

wild species of sunflower that were rust resistant. The introduction of these cultivars made the crop commercially attractive once again.

Sackston cautions, though, that there is no such thing as a permanent solution to plant disease. The pathogens that attack plants mutate swiftly, so that new resistant strains have to be continually developed. "We are always trying to catch up to changes in the parasite population in order to keep the resistant varieties just ahead of the game," he explains. Since coming to Macdonald College in 1960 as a professor of plant pathology, Sackston has continued to work on the problems of sunflower diseases, sometimes with graduate students, while also being involved in undergraduate teaching and administration.

Much to his satisfaction, Sackston's research has placed him in an international network of sunflower experts, whose shared concerns have transcended linguistic and political barriers, even at the height of the Cold War. He freely acknowledges that the successful development of the sunflower is the result of the cumulative scientific contributions of these experts. "Without international cooperation, sunflowers would not exist as a crop," he says. He points in particular to the research of the Russian plant breeder, V.S. Pustovoit, who in the 1960s increased the viability of sunflowers by developing strains with an oil content of more than 50 percent. This work was in turn enhanced by certain French and American scientists who developed a method for the controlled breeding of hybrids that optimized, not only disease resistance and yields, but also the uniform attainment of plant maturity.

Sackston – who is proficient in French, Spanish, and Russian – has traveled extensively throughout the world to inform himself of the latest sunflower research, as well as to dispense his own profound knowledge of the pathology of oilseed plants. His travels have included a visit to Russia (where he was able personally to validate Pustovoit's research, which had been initially received with scepticism in the West) and a five-year stint in Spain, organizing that country's National Research Centre for Oilseed Crops. In 1982, the International Sunflower Association recognized his contribution to the development and promotion of sunflowers by presenting him with its highest honour – the V.S. Pustovoit Award.

Though he has just retired from full-time service at McGill, Sackston intends to continue active research. And his sunflowers, no doubt, will continue to grace the plant nursery at Macdonald College for many years to come. *John Sainsbury*□

An international look a mental illness

Mental illness is something that most people would rather not think about. But globally it's on the rise. The World Health Organization (WHO) estimates that 10 percent of the earth's population suffer from severe forms of mental illness, such as schizophrenia, while another 10 percent suffer from milder forms, such as low-grade depression.

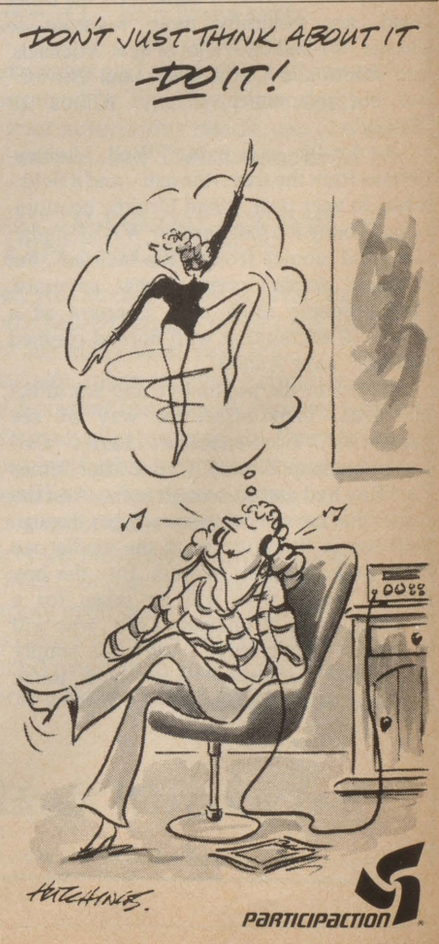
As more and more governments recognize the magnitude of the problem, they're trying to resolve how best to treat mentally ill patients. In order to look at the latest methods of organizing and managing psychiatric hospitals, the WHO asked one of McGill's teaching hospitals, the Douglas, to host a three-week course on the subject. The course was held in the spring and brought together top-level psychiatric personnel from twenty-one countries, including nine delegates from Africa and three from the Caribbean. Some of the faculty members came from the Douglas Hospital and other Montreal institutions; others came from medical centres in different parts of Canada and the United States.

The course examined several critical areas, such as the treatment of alcoholic and suicidal patients, epidemiological methods, and the relationship of the psychiatric hospital to the rest of the community. Virtually all the faculty members brought with them international clinical or research experience, and in their presentations took into account the different cultural considerations, acute shortages of trained staff, and lack of technological aids in the Third World. Dr. Heinz Lehmann, the former director general of the Douglas, for instance, gave a popularly received talk, entitled "Bootstrap Research," on conducting research with limited resources.

Even when the approaches under discussion were characteristically North American, however, the delegates found relevant applications to their own situations. For example, Doja Adewolu, the executive secretary of the management board of psychiatric hospitals in Nigeria, hopes to return to Africa, and set-up a community centre and an on-site training and research centre modeled on those at the Douglas. And Dr. Albertine Mathurin-Jurgensen of Antigua is anxious to undertake an epidemiological study on mental health in the several eastern islands of the West Indies where she serves as the sole psychiatrist. "One of our big problems in the Caribbean," she explains, "is that we don't have any proper epidemiological studies going on. As a result of this course, I've realized how important it is for psychiatrists – even one psychiatrist on a small island – to get involved in doing these studies. It helps planning and policy making."

Faculty members, too, feel that they have learned as much as the delegates from the exchanges of information. According to the director general of the Douglas, Dr. Gaston Harnois, North American psychiatric institutions could improve their health care delivery systems by studying the ways in which other countries have integrated traditional healing methods with modern psychiatry, expanded the role of community nurses, and involved family members in the treatment of the mentally ill. "I've been in Africa and I was very impressed by the psychiatric villages they've developed," he points out. "The beauty of them is in their integration with the community. From the word 'go', they're trying to create structures that won't reject or stigmatize the mentally ill, as opposed to what we still see too much of in our own country."

It was the first time that such a course has been held at the international level, but its success has ensured that it won't be the last. In fact, the Douglas Hospital – which was designated as a WHO collaborating centre for research, education, and training in mental health last year – will soon be preparing a similar course for French-speaking delegates from around the world. *Louise Abbott*□





Czeslaw Milosz

David Rosen

GRATULACJE Polish Institute!

Nineteen eighty-three marks the fortieth anniversary of the Polish Institute of Arts and Science. The Institute has been closely associated with McGill since 1943, when its first charter was drafted. The charter states that the institute is an "autonomous non-political institution devoted solely to cultural work, to interpreting Poland to Canada, and to preserving the menaced tradition of Polish thought and learning."

Several prominent McGill personalities were among the founding members, including Wilder Penfield, R.A. MacLennan, Cyrus MacMillan, and Noel Fieldhouse. The first Honorary Presidents were Dr. F. Cyril James, Principal of McGill, and Monseigneur Olivier Maurault, Recteur de l'Univerdité de Montréal. Mrs. Wanda Stachiewicz, who was named Secretary of the institute in 1943, remains still active in its daily functions.

Over the years the institute has organized commemorative celebrations, art exhibitions, musical recitals, and cultural and scientific meetings. For the last nineteen years the institute and its accompanying library have been located at 3479 Peel Street, a two-minute walk from the McGill campus. The library has steadily grown and now includes over 30,000 books and several thousand volumes of periodicals. The institute's influence, like its library, has expanded considerably since 1943. Among other important events, it helped organize the May 1975 meeting of the Polish Institute of Arts and Science in America held at McGill. In attendance were some 400 scholars, writers, artists, and scientists of Polish origin from Canada, the United States, Europe, and Latin America.

This year, to mark the fortieth anniversary, several activities have taken place or are being planned. On 3 May (the anniversary of Poland's constitution, proclaimed in 1791) the Polish poet Czeslaw Milosz read his work to an enthusiastic audience on the McGill campus. The reading was initially planned for Moyse Hall, but had to be relocated in the H. Noel Fieldhouse Auditorium at the last minute because of an overflow crowd. Mr. Milosz has been professor of Slavic literatures at the University of California, Berkeley, since 1960 and won the Nobel Prize for Literature in 1980. He read his poems in English, French, and his native Polish, one of which was addressed to Lech Walesa:

I don't know by what right,
Lech Walesa,
You are addressed by one who chose exile
And refuses to think constantly of enslavement
Though he understands that he should, every day

Mr. Milosz states that his poetry is "pessimistic, but ecstatic." In one of his poems, "Ars Poetica?" he speaks of the mystery of his craft:

The purpose of poetry is to remind us
how difficult it is to remain just one person,
for our house is open, there are no keys in the doors,
and invisible guests come in and out at will.

The Polish Institute is also sponsoring a lecture by Oxford University political scientist Dr. Z. Pelczynski, who was a visiting professor at McGill in 1978-79 and is presently a visiting professor at Harvard. In additon, an exhibition of watercolours is planned for this fall.

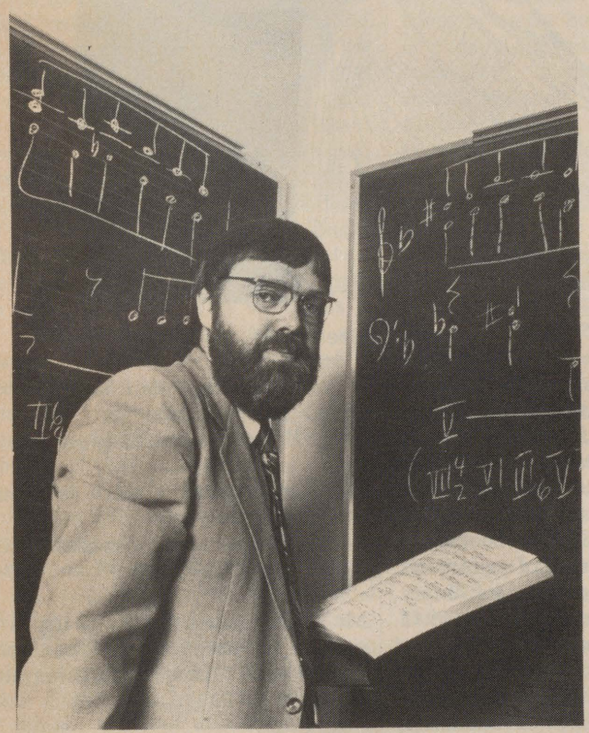
The first forty years of the Polish Institute of Arts and Science have been mutually beneficial for both McGill and the Canadian Polish community. The next forty can only be better. *Peter O'Brien*□

McGill's faculties look to the future

by Charlotte Hussey

In part three of this continuing series of interviews, the deans of Dentistry, Education, and Music discuss the plans that will strengthen their respective faculties for the years ahead.

FACULTY OF MUSIC



Photos by Vivian Kellner

Enrollment figures are not the current problem in the Faculty of Music. As its dean Dr. Paul Pedersen explains: "Our basic problems are lack of space and lack of funds. Our applications were up 20 percent this year over last. This means we are able to be more selective in our admissions, but the faculty cannot grow in size, since we are extremely tight for space."

Expansion of the Marvin Duchow Music Library is a priority towards which the dean would appropriate some $600,000. The library is becoming extremely crowded as more and more stacks are added to house the growing music collection. Pedersen, who says that the library will be vital to the initiation of two recently proposed PhD programs in theory and musicology, forsees two possible renovation plans: "We could extend a wing of the library into the adjacent lot, or the unused sub-basement of the library could be excavated and a new floor put in."

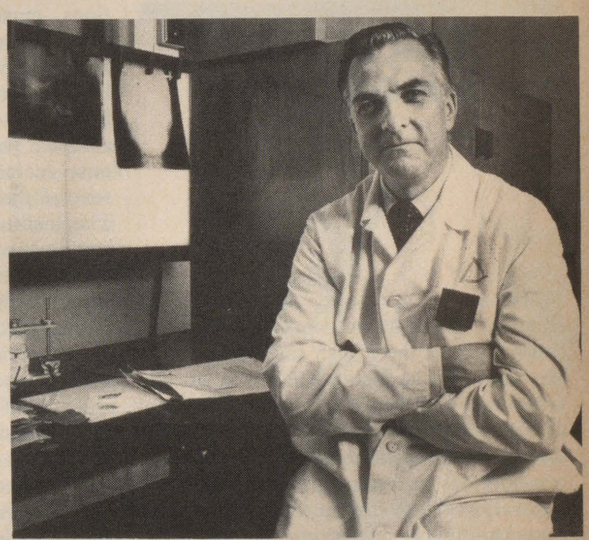
The dean would also portion out $100,000 to provide sealed, acoustic windows and an air conditioning system for the 100-seat Recital Hall used regularly throughout the year for performances. "The hall has two main problems," he explains. "The noise from Sherbrooke Street is very loud and sometimes it will drown out quiet passages in music during a concert, especially if it's hot weather and the windows are open. The other concern is that there's no other ventilation in the hall except for these windows."

Collections are another area the dean wishes to enhance. He has earmarked some $100,000 to build up a baroque instrument collection to be used in the new BA program in early music. He would also allocate $25,000 towards the purchase of a substantial library collection of choral music. This new collection would include contemporary scholarly editions of masses, motets, cantatas, oratorios, sets of madrigals, and other forms of music composed roughly from 1450 to 1700 during the so-called "Golden Age of Choral Music." This would allow the choral program, which includes 250 students in four large choirs, to take a major leap forward. "We have a very active choral program," explains Pedersen. "And it's simply very expensive to purchase a score for every student in a choir. If we had the money, there would be selections from all periods of choral music."

Another urgent need for the faculty is the endowment of several substantial fellowships to be awarded annually to students of exceptional merit. These fellowships would be used to attract outstanding graduate students in composition, theory, musicology, school music, performance, sound recording, and undergraduate orchestral instrumentalists. They could also help alleviate the financial concerns of foreign students wishing to study music at McGill. Pedersen, who would portion out $350,000 to this end, explains: "It's the same in any field; to get the really top students, you have to offer them some financial assistance."

The dean would also put $500,000 toward the establishment of a visiting professorship, the Faculty of Music's first endowed chair. Such an endowment would guarantee ongoing interaction between staff and students and leading academics, composers, and performers from the international music community. "Lack of budget and lack of space" adds Pedersen, "are the real problems for us. If the university is willing to make the space and the budget available, there is potential for us to grow in numbers as well as in quality." □

FACULTY OF DENTISTRY



As Dean of Dentistry Kenneth C. Bentley, DDS'58, MD'62, looks to the future he forsees the need for his faculty to become more fully automated. He also says that Dentistry could be strengthened by the addition of academic staff, increased research activity, and the consolidation of physical resources. To achieve the first goal, he has earmarked some $450,000 from his budget over the next five years to set up a computer-based, clinical administration system. "We have to recognize the fact that our operating budget is shrinking," he explains. "And we must look at more efficient ways of managing information."

Clinical teaching in the faculty is mainly carried out in the department of dentistry of the Montreal General Hospital (MGH), where such an automated record keeping system could aid in the evaluation of student performance. Also, it could be used to match patients' dental needs with the students who can give them the appropriate treatment.

To achieve his goal of strengthening the faculty, the dean says he must concentrate his efforts on improving the dental library. The present library, for example, is administered from the medical library. Both the dean and Dr. Peter Noble, associate dean of graduate studies and research, would like to have a full-time librarian responsible only for the dental collection. "It's not a matter of 'Wouldn't this be nice'," says Noble. "We need it for teaching and research, both of which have to undergo accreditation surveys."

At the moment, McGill's dental library is one of the best in Canada. In spite of having to operate on a considerably reduced budget since 1975, it was ranked second in current periodicals received and third in monographs held in the 1980 "Index to Dental Literature." In order to maintain this valuable resource centre, used not only by McGill staff and students but by researchers from other universities and companies, the dean is seeking $51,000 over the next five years to update existing collections.

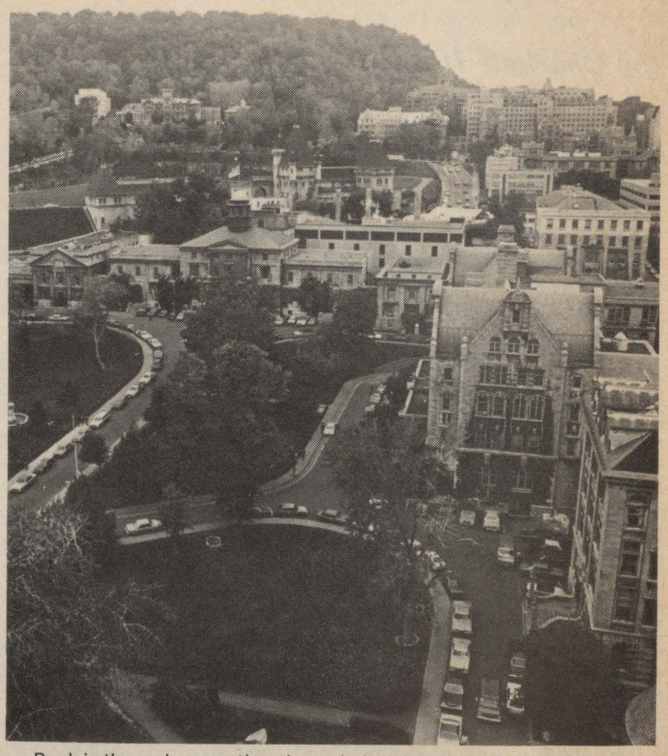
The dean also says that "ideally we need a new facility in which to house the faculty, because at present we are always running back and forth between three buildings." Dentistry has its teaching clinic in the MGH and its administrative offices in the Donner Building and the Strathcona Anatomy and Dentistry Building. The latter, which is shared with the Faculty of Medicine, also houses research facilities. Short of this, $1,500,000 would be required by Dentistry to renovate the Strathcona Building.

In the past, McGill's Faculty of Dentistry, like other such schools in North America, brought in professors from the Faculty of Medicine to provide expertise in the basic sciences. With the recent growth of dental research, it has become necessary for Dentistry to obtain more of its own specialists. Over the next ten years, the dean would like to allocate $200,000 for the hiring of a biochemist with knowledge of cellular and subcellular fractionation and another $200,000 for the hiring of an experimental pathologist – both appointments would be important additions to the research presently being undertaken. As the dean points out: "Improved patient care is directly related to research activity." □

FACULTY OF EDUCATION



"The trick," says Dean of Education George Flower, BA'40, MA'49, "is to become leaner, but stronger." And that is exactly what his faculty has been doing over the past eight years – a time that has seen its staff pared down from 149 to 123 full-time members and its 13 departments streamlined into today what are 8 well-functioning units.



Back in the early seventies, the majority of staff efforts went into either the Bachelor of Education or the one-year Diploma of Education programs. But today much more emphasis is being placed on research at the graduate level and on community service. Work, for example, is being done in such areas as adult education, early childhood and family life, and in programs for CEGEP teachers, school and business administrators, and members of school boards. As Flower explains: "We have even been attempting to influence, through back rooms, the province's educational policies in what is a new and informed role for the faculty."

One service the faculty is currently providing is access to the rapidly growing field of computer applications in education. "The computer courses we've been giving have been swamped," says Flower. "We had over 1,000 people taking courses at our Micro-Computer Teaching Lab this year." The dean would like to allocate over the next five years some $300,000 from his budget to provide the necessary computer technology. He would also spend $250,000 to hire skilled technicians and another $200,000 to employ a specialist in mini-computers.

Another considerable priority is McGill's Education Library, referred to by Flower as "the best in the province." To augment its holdings, he would spend $80,000 over the next five years. This would help keep up with the escalation of acquisition costs and the mushrooming number of significant printed materials, tapes, records, and computer software.

Another means of enhancing his faculty would be for Flower to provide some $275,000 towards a visiting professorship in education. An additional $215,000 would be spent to hire a specialist to spearhead the establishment of a recently authorized program in adult education and $125,000 has been earmarked for a number of short-term, post-doctoral fellowships. Plans are also afoot to create two senior fellowships that would attract experienced practitioners who hold positions of special responsibility, mainly within the school system. "The presence of 2 or 3 such people in addition to our staff core of 123 would be helpful indeed," says the dean.

Leaner, stronger, and certainly more innovative, the Faculty of Education is one thing that Dean Flower speaks of with pride. He is also pleased McGill alumni, during the past eight years, have been supportive of the efforts of his staff members to learn how to learn new things. "The concrete interest of McGill alumni," he adds, "really makes the difference between what's satisfactory and what's on the growing edge." □

Where North meets South: Bellairs Research Institute

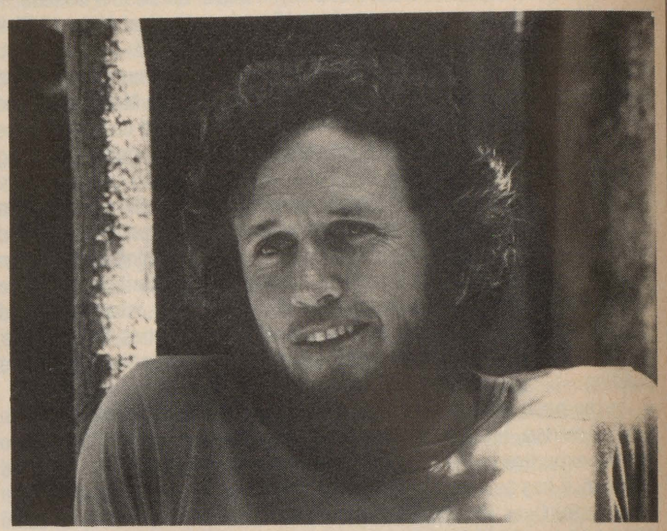
by Charlotte Hussey

McGill's year-round, multi-disciplinary research and teaching laboratory in St. James, Barbados has always kept a low profile. Dr. Wayne Hunte, its new director, remembers when he was growing up on this eastern Caribbean island that "the only thing that could be seen from the outside road was a small sign, saying 'Bellairs Research Institute of McGill' (BRI). Nobody knew what went on inside." And many still don't.

According to Hunte, one of the most important aspects of BRI today is that, as Canada's only tropical research centre, it is providing Canadian scientists with the opportunity to develop new perspectives on their research and on the working hypotheses on which this research has been based. As he explains, modern science has evolved, not in the Tropical Zone, but in the Temperates. And the observations on which its hypotheses are based are temperate observations. At BRI, scientists have the chance to test certain of these observations against tropical ones. "I think this will increase their comprehension of whatever system they are working on," says Hunte. "And as well, McGill students coming to BRI will have the opportunity to do portions of their degree in a different social environment. This is a necessary part of a well-rounded education."

Situated on the west coast of Barbados, about eight miles from the capital city of Bridgetown and close to a safe and pleasant beach, BRI consists of a complex of three buildings. They house dry laboratories and laboratories supplied with running sea water, office space, a library, a dark room for photographic development, instrument rooms, two kitchens, a dining room, a student's lounge, and guest rooms. (The guest rooms are available to visiting scientists and students at modest rates.)

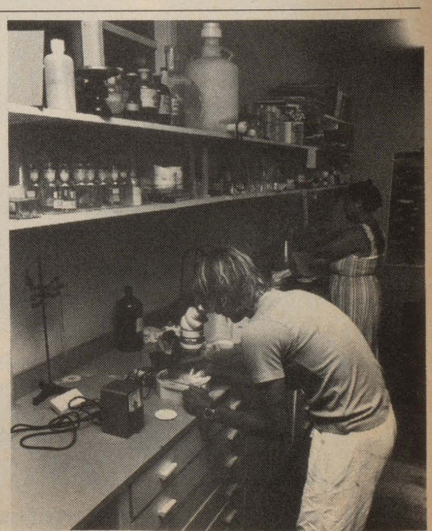
Because of BRI's advantageous position offering access to a wide range of marine habitats, research efforts in the past have been primarily directed towards the marine sciences and tropical climatology. In some instances deep oceanic waters lie only one mile offshore, while further inshore there are coral reefs, rocky shores, sandy beaches, brackish water ponds, and shallow water flats of sand, mud, and grass. Given these conditions, BRI has been an ideal base for those wishing to study, for example, the deposition and diagenesis of carbon sediment in the reef environment, or the effects of sea level changes during certain prehistoric periods. Also, the striking contrasts between Barbados's leeward shore flanked by coral headlands (where BRI is located) and the windward east coast with its high limestone cliffs and long unprotected beaches has lent itself to comparative studies of the preservation of shoreline environments. Moreover, the non-volcanic island of Barbados occupies a key position for the understanding of the tectonics of the Caribbean and the relationship of the West Atlantic crustal plate, moving westward, and the Caribbean plate, moving north-eastward.



New director of the Bellairs Research Institute, Dr. Wayne Hunte sees to it that McGill's expertise is being put to good use in the Caribbean.

Photos by Vivian Kellner





Left: BRI students are studying the social behavior of vervets such as this one. Above: BRI houses dry laboratories and those supplied with running sea water.



The results of this BRI student's research may help Barbadians to better manage their dolphin and flying fish populations.



Hunte would like to maintain BRI's position as a leading contributor to advances in the area of tropical marine sciences, but also wishes to continue broadening its research interests to include a wide spectrum of disciplines in both the natural and social sciences. His students are currently studying a population of vervets brought from Africa some 300 years ago (that today are found only on Barbados and one other Caribbean island) to determine the effects of social rank and social behaviour on the genetic fitness of the individuals.

"Also," says Hunte, "Barbados is interesting sociologically. It is trying to move stably from a historical system in which whites controlled resources to one in which colour plays no role in affecting job positions or income brackets. It is interesting, too, because of the spread throughout the Caribbean of a religious cult called Rastafarianism, which has considerable social implications, but which has not as yet been seriously studied by sociologists."

Dr. Hunte, who recently terminated a CIDA/NSERC research contract at Dalhousie University in Nova Scotia to return to his native island to head BRI, has also taken a leave of absence from the University of the West Indies at Cave Hill where he lectures in biology. He describes his first year at BRI as "challenging... Coming into the job straight from an academic position, which is what I've always had, I had to learn how to handle administration, finances, and employer-staff relations at a level I haven't had to before." But certainly his demanding first year has not been without a few surprises – one in the form of a $50,000 gift given to BRI by the George Cedric Metcalfe Foundation. "We plan to call our library the Metcalfe Library as a gesture towards his generosity," says Hunte. "Half of this sum is going to stay as capital to bring in interest that will allow us to subscribe to certain key science journals again. Another one-fourth will go for structural renovations to the library. And the rest is to improve the sea water pumping systems used in our laboratories."

BRI, in fact, stands on a tradition of such generosity. It was founded and endowed in 1954 by the late Commander Carlyon W. Bellairs who, because of a growing disenchantment with England, retired to Barbados. Shortly before dying he wrote to McGill University offering them his property. "In fact," explains Hunte, "Commander Bellairs had in mind that the place be used as somewhere that the senior personnel at McGill could take a vacation to revitalize themselves. It was McGill, itself, that saw more in it than that and decided to turn it into a research station."

Another highlight of his first year as director, says Hunte, "was the Association of Island Marine Laboratories Symposium recently held in Miami, Florida, for island research stations. We, that is the people associated with Bellairs, presented six papers



The genetic fitness of orb-weaving spiders such as this one is being studied at BRI.



Above: BRI researchers assess the effects of pollutants on Barbadian coral reef communitites.



Studying the effect of social rank on growth and maturation requires that individual monkeys be weighed.

there. That was the most delivered by any individual lab."

One of Dr. Hunte's projects that has generated a number of research papers is the study of the evolution of life histories in aquatic organisms, using a small crustacean – an amphipod – as its model. "The amphipod has many useful attributes for doing genetics work, because it's easy to keep in the lab and has a short generation time," says Hunte. "That means, if offspring are produced now, they will be mature in about thirty days, and you can run through many generations in a short period of time. Also this same amphipod has been used to investigate the effect of uncertainty on decision-making in animals."

Another study is attempting to determine the effect of web location on prey availability and on fitness in tropical orb-weaving spiders, while another investigates feeding habits in corals. In addition to the already-mentioned research on rank relations within vervet troops, another study is focusing on these same monkeys. The second effort has already given rise to a paper recently published in *American Zoologist* and entitled, "Spite: a constraint on optimal foraging in the Barbadian vervet." The long-term objective of this research is to recommend planting strategies that may reduce the magnitude of crop damage done by vervets who, because of similar dietary preferences, have been in competition with man for many years.

This primate study is but one of a number of applied research projects currently underway at BRI through which McGill's expertise is being channeled into aiding the developing Caribbean countries. In another such project, researchers are attempting to understand the biological characteristics of tropical fisheries in order to make preliminary management recommendations for such stocks as the dolphin and the flying fish. These two pelagic species (migratory fish found in the top water column) constitute about 80 percent of the total catch landed annually on the protein-poor island of Barbados. Nominated by the Food and Agricultural Organization of the United Nations to coordinate research in the Caribbean Basin on these fish, Hunte explains: "I've written a large research program for all the pelagic fish in this region that could run for six years. We're seeking funds for it now, and the project is designed to train five or six research students. By the end of that time, we should have a much better understanding of what is happening with the pelagic fish in the Caribbean Basin."

Another applied research project at BRI is assessing the effects of pollutants on the fringe coral reefs in Barbados. The recent pollution of these coral reef communities is having negative effects on both the fishing and the tourist industries in the Caribbean. A second project is a pre-feasibility study being conducted under a one-year Barbadian government contract to locate a marine sewage outfall that will create as few environmental problems as possible. A third is investigating the feasibility of establishing a commercial sponge fishery.

Barbados is an island of some 258,000 people, many of whom live along the south and west coasts. These same shorelines have been particularly vulnerable, not only to pollution, but to beach erosion – another threat to the country's tourist-based economy. Thus BRI is also involved in a government-sponsored study to make recommendations as to how this problem of erosion can be overcome. In fact, the institute is currently serving as a government watchdog. "The Barbadian government puts out a contract that goes to a foreign consulting company. But, under a separate contract with the Barbadian government, Bellairs agrees to choose which company should get the contract. Once we choose one," says Hunte, "we negotiate the final budget with them on behalf of the government, and then we supervise their performance throughout the project. We advise and keep the government informed and then assess the company's final report and tell the government whether we think they got their money's worth."

So, low profile or not, BRI is making an impact – "I think the Barbadian government is very pleased to have our service," explains Hunte. "They do not have the expertise themselves to be able to really assess the quality of a proposal or the final performance. And the strength of Bellairs, in this context," he adds, "is that it is providing a focus through which the full range of expertise at McGill can be put to use in the Caribbean."□



Scott, Smith, Edel and company: early McGill student publications

by Peter O'Brien

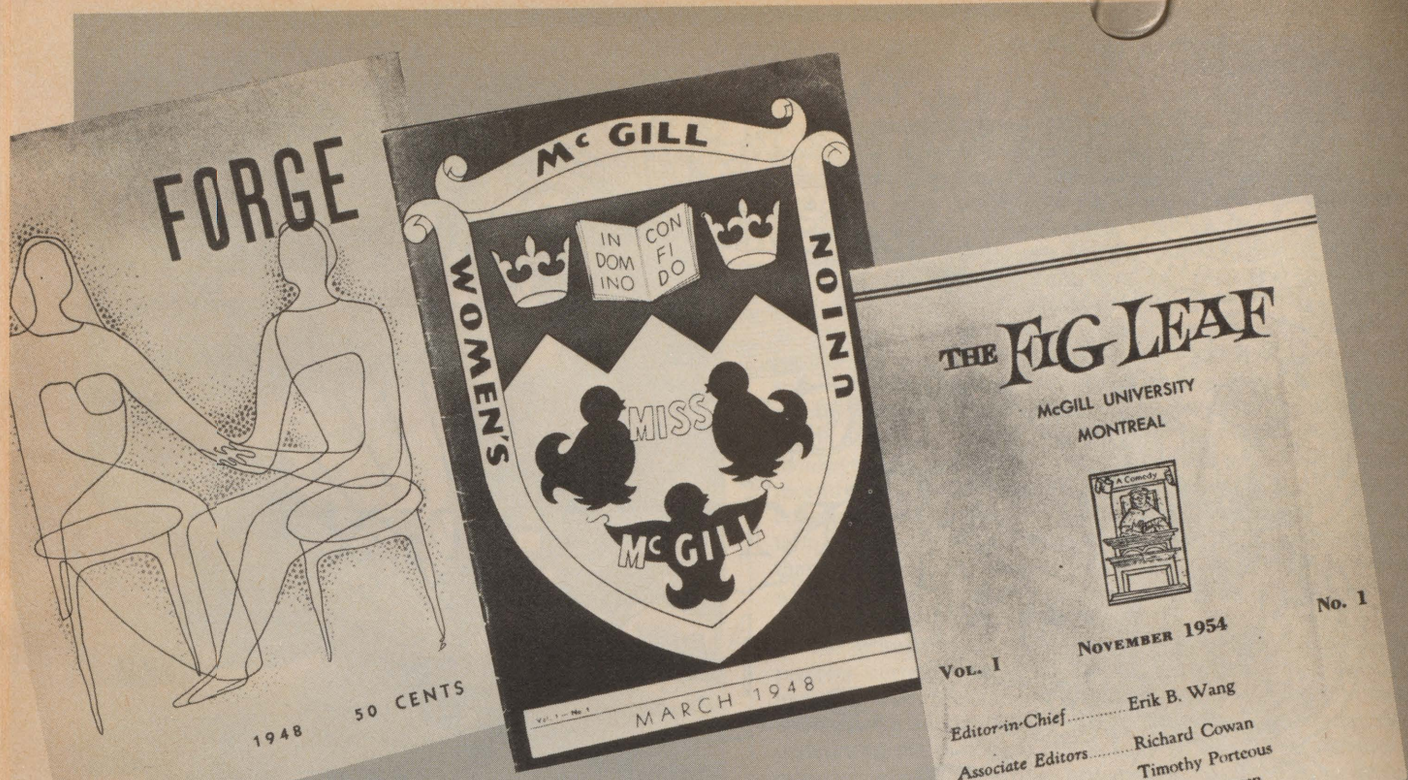
This is the first of a two-part series on McGill student magazines by Peter O'Brien, the new assistant editor of the News *and the founding editor of the literary journal,* Rubicon. *In this article, he discusses McGill "little" magazines up to and including* The Forge, *which ceased publication in the late 1960s. In the December issue of the* News, *he will take a look at many of the new student publications.*

Leon Edel, BA'27, MA'28, once remarked that the *McGill Fortnightly Review*, of which he was managing editor, was "at times witty, a trifle pompous, and certainly at times insufferably priggish."

The *McGill Fortnightly Review* appeared regularly between November 1925 and April 1927 and is perhaps the most distinguished student journal to have been published at McGill. It is considered now to have played a seminal role in the development of Canadian "little" magazines, and several members of its editorial board went on to pursue successful literary careers. The collective honours of three of them, A. J. M. Smith, BSc(Arts) '25, MA'26, F. R Scott, BCL'27, and Leon Edel, include, among many others, three Governor-General's Awards, a National Book Award, and a Pulitzer Prize.

The *McGill Fortnightly Review* permitted both its editors and contributors to develop and sometimes flaunt their literary muscles, but it was not the only attempt to forge the aspirations of McGill students in print. Since 1875, when the first issue of the *University Gazette* appeared, there have been many active, student-run magazines and journals associated with McGill. And their range of subjects has run the gamut, from poetry, fiction, satire, politics, and humour to that ubiquitous genre called "university thought."

Almost without exception these magazines had brief, turbulent lives, some lasting for a year or two, several only for one issue. And many, such as *The Alarm Clock*, *Alcool*, *The Floating Rib*, *The Scratch*, *The Rebel*, *The Black Sheep*, and *The Fig Leaf*, had names as tentative as their life spans. In their inaugural editorials, the editors of these magazines ran through a set of common laments. They mentioned the demise of magazines immediately preceeding theirs, or complained of their own lack of financial stability, or voiced their various criticisms of the *McGill Daily*.



Photos by Harold Rosenberg

The *Scratch*, published during the early 1920s, began its first editorial with: "The following may be a trifle incoherent; it will certainly lack definiteness. It is impossible to present a platform or state a policy," and then added a dramatic flourish to its indefinable objective:

> Things have become altogether too stuffy; there is need of a draught. Apathy is more and more fillng (sic) the stage, and ossification follows in its wake. Spontaneity is unknown and enthusiasm is merely traditional, lacking all buoyancy. "The Scratch" feels it must wriggle in the icy grip of indifference if only to keep warm.

Published in the early 1890s, the *McGill Fortnightly* (not to be confused with the *McGill Fortnightly Review*) was a professional-looking magazine that, in spite of the several pages of advertising in each issue, suffered financially. After printing two issues without any mention of monetary contributions, the third stated: "The annual subscription is $1.00, payable strictly in advance."

The Black Sheep, as its name implies, was somewhat less than delicate in its handling of university affairs. In its February 1933 inaugural editorial it called the editors of the *McGill Daily* "soft-hearted idiots" and said that its purpose would be to express

> the temporary likes and dislikes of the editorial board, modified by the desire to be as objective as possible under the circumstances . . . we are lovers of the paradox, and this is the age of equivocal statements and events. May providence protect us from indignation, varbosity (sic), split infinitives, the higher education, all reverent gentlemen, the Canadian Authors' Association and infectious epidemics; and nay righteousness guide all the days of our existence. Selah.

The *McGill Daily* has remained the one constant in McGill student publishing, despite, and sometimes because of, the controversies it continually finds itself in. Most magazines that have sprung up over the years have been in response to the *Daily* and, to one degree or another, in competition with it. The *Daily* did in fact publish its own literary journal, the *McGill Daily Review*, which in its winter 1955 issue included the following bit of verse by F. R. Scott:

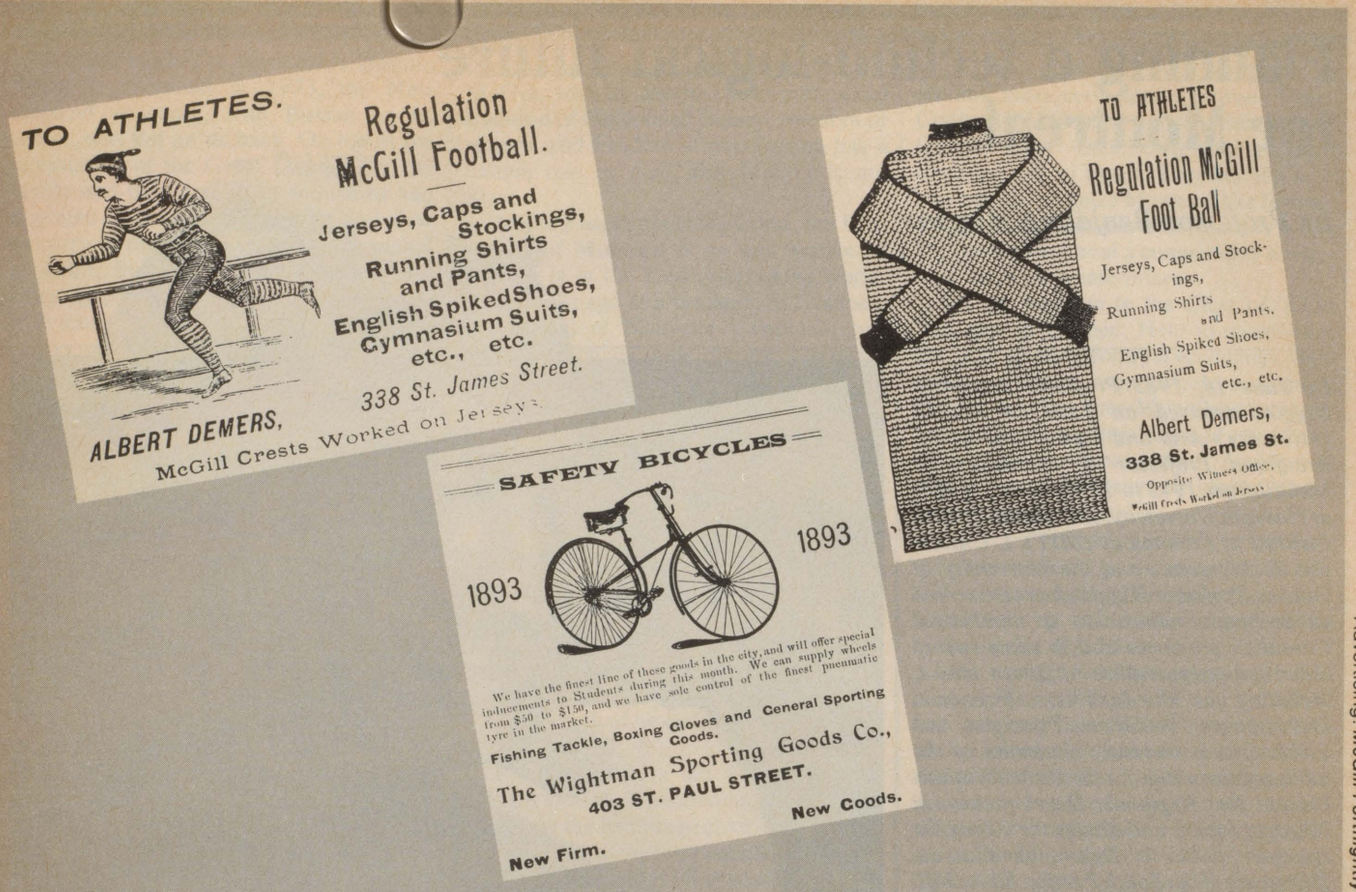
> "Why is the McGill Daily,"
> Said the pessimist sourly.
> "Thank God," said the optimist, gaily,
> "It isn't hourly."

The *Daily Review* was not so much a literary production as it was a collection of more or less serious editorials. One such editorial, "For Dignified Embrace," had things to say about the state of McGill romance:

> Westmount Mountain is a massive hump of stately concrete with only the very top left comparatively bare and unravished. For years the younger populace of Montreal, and McGill students in particular, have retreated here with their dates in the hope of a little privacy, a moment of quiet contemplation. There is nothing immoral or distasteful about this. Since time immemorial man has retreated to nature for the peace and the solitude for which his soul cried out. We see no reason why this cannot be done equally successfully in couples. The collective soul of the couple should be twice as cleansed.

The *Daily Review* survived for several issues until it too, like its predecessors, quietly died.

The one magazine that did sustain itself, despite a constantly changing editorial board, was *The Forge*, which began in 1938 and continued into the late 1960s. Printed on good paper stock and well bound, *The Forge* published the youthful offerings of many people who are now established writers, including Norman Levine, BA'48, MA'49, Henry Moscovitch, BA'62, David Solway, BA'62, Seymour Mayne, BA'65, Peter Van Toorn, BA'67, and Leonard Cohen, BA'55 (known at the time as Leonard Norman Cohen). *The Forge* also printed visual art portfolios and used



coloured ink and a variety of paper stocks within the same issue.

If *The Forge* was the one journal that managed to survive the years, there are a number of magazines vying for the distinction of shortest-lived. One of the briefest attempts by McGill students was *Miss McGill*, which appeared in March 1948. On its first page is an apology for being later than expected followed by the announcement that the present issue is to be the last of that year. It was never heard from again. *Miss McGill* printed short articles on such items as the Women's Union Fashion Show and the Photogenic Competition:

> In order to choose the most photogenic girls at McGill to be models in the fashion show, the Rapid, Grip and Batten Co., held a Photogenic Competition. Entries poured in, and your Executive got an inferiority complex from which we are only just recovering.

One magazine that suffered more than the usual difficulties is *The McGilliken*, which published news, poems, and short congratulatory notices in France during World War I. In his covering letter accompanying one of the issues sent to the *McGill Daily*, its editor complained about "red-tape," "censoring," and the fact that most of the print shop employees responsible for the magazine were mobilized for active duty. This made the meeting of regular deadlines "out of the question." Like many of the smaller magazines published over the years, *The McGilliken* was never properly documented and copies of it are now hard to find.

Humour magazines have always been popular and among the best remembered at McGill are *The Floating Rib*, *The Fig Leaf*, and *The Gastric Growl*. The last of these, produced by some medical students, upheld the motto: "All the news that's print to fit." Appearing first in 1954, *The Fig Leaf* met its demise after a few issues, but was resurrected in 1961. In March 1965, *The Leaf* could be bought according to the following price scale: "Cretins: 35¢, Patrons: $10.00, Assistant Profs.: $49.95."

At their best, these McGill "little" magazines, often the result of a small group of students, demonstrated a sharp wit, an intellectual vigor, and at times a precocious egotism. Several of them produced literary criticism of some weight: the *University Gazette* published papers on William Shakespeare and Matthew Arnold; the *McGill Fortnightly Review* on T.S. Eliot and Eugene O'Neill; and *The McGilliad* on James Joyce, Marcel Proust, and Sinclair Lewis.

At all times, the magazines have attempted to wake up apathetic students, as the title of *The Alarm Clock* implies, and have encouraged them to question things taken for granted. These publications also have given students of varying persuasions the space to discuss their reservations about sundry matters and to explore their first literary and political awakenings. These awakenings of intelligence, and the ways they have changed over the years, can be followed through the differing course of the editorials appearing in these various magazines. Certainly the influence of a classical education can be seen not only in the syntax of these early publications, but also as the modern reader finds both Greek (in the *McGill University Magazine*) and Latin (in the *McGill Fortnightly Review*) quoted with seeming ease.

Although the McGill student journals have consistently encouraged the brightest students to engage in printed dialogue, it must be remembered that not all students who wanted to contribute were graced with an acceptance note. Writing in the inaugural issue of *The McGilliad*, Stephen Leacock, always a strong supporter of student productions, remembered his early days as a student editor in an essay entitled "Perils and Pitfalls of College Journalism":

> There was, I recollect, a young freshman named William Lyon Mackenzie King who sent us in a poem. The boy's name somehow has stuck in my mind all these years. He sent us in a poem called, *Why I like the Winter* or *The Futility of Human Greatness*. I remember that...it was one of the worst poems we had received that week. We sent it back to King with a smart rebuke as a warning. Perhaps we were wrong. Without our rebuke King might be an established poet today. As it was he abandoned literature. Nor did I ever hear that he ever had any career beyond a little temporary employment at Ottawa.□

Planning a techno-logical future for Montreal

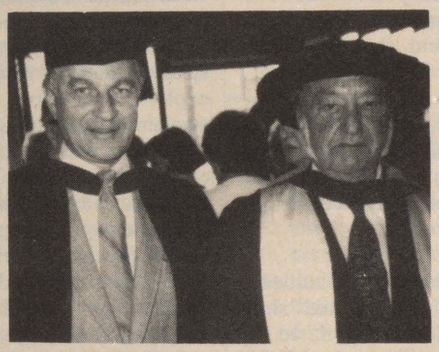
by Professor Benjamin Higgins



In his early McGill years as Bronfman Professor of Economics, Benjamin Higgins was "Québeçois par choix."

On June 18, 1983 Professor Benjamin Higgins received an LLD at McGill University's Arts and Law Convocation. Bronfman Professor of economics at McGill from 1942 to 1952, he has taught at Harvard University, the Massachusetts Institute of Technology (MIT), L'Université de Montréal, and the University of Ottawa. Professor Higgins has also served as economic advisor to a number of Canadian provinces and to some twenty other countries. Author of fifteen books, including the standard text, Economic Development: Problems, Principles and Politics, *he is currently chairman of the advisory committee for the United Nations Centre for Regional Development in Nagoya, Japan, and directs the Centre for Applied Studies in Development at the University of the South Pacific, Suva, Fiji. In the following excerpt from his convocation address, Professor Higgins makes clear his plan for turning Montreal into the kind of city that his audience, McGill's new law and economics graduates, would never wish to leave:*

I expect the next few years to be especially troublesome ones for Canada. We have delayed for far too long the quantum leap from natural-resource-based to human-resource-based development that every country must sooner or later make if it is to provide productive employment for its entire labour force and progressively raise standards of living. At a recent conference in Canberra, Australia, we were discussing the "miracle" of Singapore's transition from poverty to affluence. An Australian economist broke in, rather impatiently, and said: "That's no miracle! Singapore is not cursed with rich natural resources and a vast hinterland!" Countries that have those things tend to rely on them for their development, as Australia, New Zealand, Canada and even the United States have done. The real success stories of recent decades have been those of smaller countries with limited resources: Switzerland, Sweden, Holland, Singapore, Hong Kong, Taiwan, and Japan. In such countries there is no choice but to go the human-resource route, developing on the basis of scientifically-oriented industry, sophisticated services, and even higher technology. Nor can we stop the developing countries from increasing their share of industrial exports. The comparative advantage for most of them lies clearly in industry.



McGill Chairman of Economics, Professor I. Brecher (left) congratulates Professor Benjamin Higgins at the spring 1983 Arts and Law Convocation at Place des Arts.

Within Canada, the province of Quebec shows most clearly the reliance on natural resources and the accompanying technological lag. Ever since Confederation, Quebec has been nearly as industrialized as Ontario; but Quebec's industry has had less technology and less productivity, facts that well explain the lower incomes in Quebec. The further fact that the more advanced enterprises were under anglophone management, which preferred to hire graduates from anglophone institutions for the top scientific and managerial jobs, helps to explain the gap between French and English incomes within Quebec.

The technological lag in Quebec centres on Montreal, where most of the hi-tech industries and sophisticated services are. These are precisely the enterprises that are leaving Montreal. This trend started well before the Parti Québécois came to power, and there are more fundamental forces at work than the fear of an independent Quebec.

Cities grow and prosper mainly through interaction with other cities. Increasingly, Montreal has become stranded in an industrial desert. Eastern Ontario, which was the industrial heartland of Ontario up to 1850, has stagnated since then. There is nothing in northern New England and little in northern New Brunswick. Within Quebec itself there is no other major industrial and services centre with which to interact. The latest blow is the decay of the Great Lakes industrial region and the shift of the hi-tech industry to the Sunbelt, a move that hurts Toronto, but hurts Montreal more. The only solution for Montreal now is to operate in a world market on the basis of hi-tech industries and services.

Courtesy of the Dallas Studio

A good model for Montreal is Boston. When I graduated in 1933, the New England economy, with Boston as its centre, was flat on its back. On top of the devastation of the Great Depression, the textile and pulp and paper industries had migrated to the South, the boot and shoe industry to the Midwest. As you graduate in 1983, Boston and New England are more dynamic and prosperous than ever, with a highly-skilled financial sector and a galaxy of hi-tech industries. And behind this transformation are Boston's great universities: Harvard, MIT, Boston University, Brandeis, and Tufts.

And so we come back to McGill. In the process of transforming Montreal into a Canadian Boston, and thus strengthening the Quebec and Canadian economies, McGill, with its almost two-centuries-old tradition of freedom of inquiry, freedom of speech, and freedom of publication, has a unique role to play. But McGill is not alone.

In the French-speaking world, the University of Montreal is as well known as McGill is in the English-speaking world. Two weeks ago at a brasserie in Nouméa, the capital of Nouvelle Caledonie, two French colonials drew me into conversation. When they learned I had lectured at the University of Montreal, they said, "Ah bon! L'Université de Montréal, c'est fameuse en tout le monde!"

The "two solitudes" of McGill and the University of Montreal have broken down since I was at McGill, but I would like to see still more cooperation between them. Concordia University and the University of Quebec have their own characteristic contributions to make. Together the four universities can make Montreal, like Boston, a city whose graduates don't want to leave, thus giving Montreal a comparative advantage for hi-tech enterprises.

So my message to the Class of '83 is this: stay in Quebec. Help to reconstruct the Quebec and Montreal economies, thus making Canada more whole and more likely to hold together. My colleagues at the University of Montreal used to say of me: "Il est Québécois par choix." And it was true. I was a Quebecer by choice, and I hope you will be too.□

McGill – granddaughter, – daughter, – mother, etc.: Holly Higgins Jonas



John Geeza

Holly Higgins Jonas at the Roddick Gates.

In attendance at this year's Law and Economics convocation was at least one McGill-daughter. And as Holly Higgins Jonas, BA'58 MSW'71, (also a McGill-granddaughter, McGill-wife, McGill-mother, and of course, graduate), goes on to explain, she was extremely proud of Professor Higgins, her father, whose convocation address put her into a nostalgic mood. In the following, she reminisces about her legendary father, her early years as a "faculty brat," and about her own student days at McGill:

Sitting in a prominent position on the Salle Wilfred Pelletier stage, surrounded by splendidly-gowned figures, flowers, and multi-coloured flags, my Dad, Ben Higgins, was evidently enjoying himself. The twinkle in his eye was more apparent than ever. It had been five years since I'd last seen him, due to his "non-retirement" to Australia. He looked wonderfully fit, as he prepared to receive his honorary doctorate from McGill University, and subsequently, to deliver the convocation address. Dad did, in fact, give a stunning speech, as he shared the concepts that he earnestly believed could encourage Montreal to pull itself up by its boot-straps. I later learned that Dad's speech put tears into quite a few eyes – including some of the new graduates themselves. And he certainly put me into a nostalgic mood.

I was five years old when Dad was brought to McGill's economics department to occupy the Bronfman chair, thus making me a McGill-daughter. (I really should add that I am also a McGill-granddaughter, as my Dad's parents met as students at McGill at the turn of the century.) My memory of McGill during those ten years is somewhat feeble, since the economics department was then housed in Morris Hall on Pine Avenue, and I had little reason to cross the main campus except to gawk longingly at the calèches parked on Sherbrooke Street in front of the Roddick Gates. I got to know the Faculty Club well enough though, which in those days was a rather austere place, with many mysterious rooms, "off-limits" not only to children, but also to adult females – although I'm sure I was guilty of a few naughty peeks.

When Dad departed from McGill in 1952 to serve on many missions in Third World countries or to teach at other universities, a host of legends remained behind. He is known as that young professor who sunbathed on the library roof and whose pre-lecture warm-up was to mount the Moyse Hall podium by walking on his hands. He's also remembered as an inspiring teacher and a most hospitable host to his students, many of whom, incidentally, were World War II veterans.

My next encounter with McGill was as a student, from 1954 to 1958, when I graduated with a BA on the open lawn of the lower campus. It was still OK back then to live it up with the fraternities, the Winter Carnival, and the Red and White Revue. Sports were mandatory, weekly dances featured the jitter-bug, and the number of clubs and societies to join was endless. The student population, which was one-third of what it is now, also engendered a "family-feeling." Scholarship had its place too. I had some outstanding teachers, some who even wore tattered gowns to lectures. And I still treasure letters written to me after graduation by some of my professors, including Dr. Cyril James.

My second time around as a McGill student from 1968 to 1971 for an MSW was nowhere near as much fun. It was a period of student rebellion and ferocious attack on university administration. The prevailing atmosphere on campus was not altogether conducive to learning, and I feared for McGill at that time when it was "marched upon" and special riot police were stationed on the university rooftops. But McGill survived gracefully.

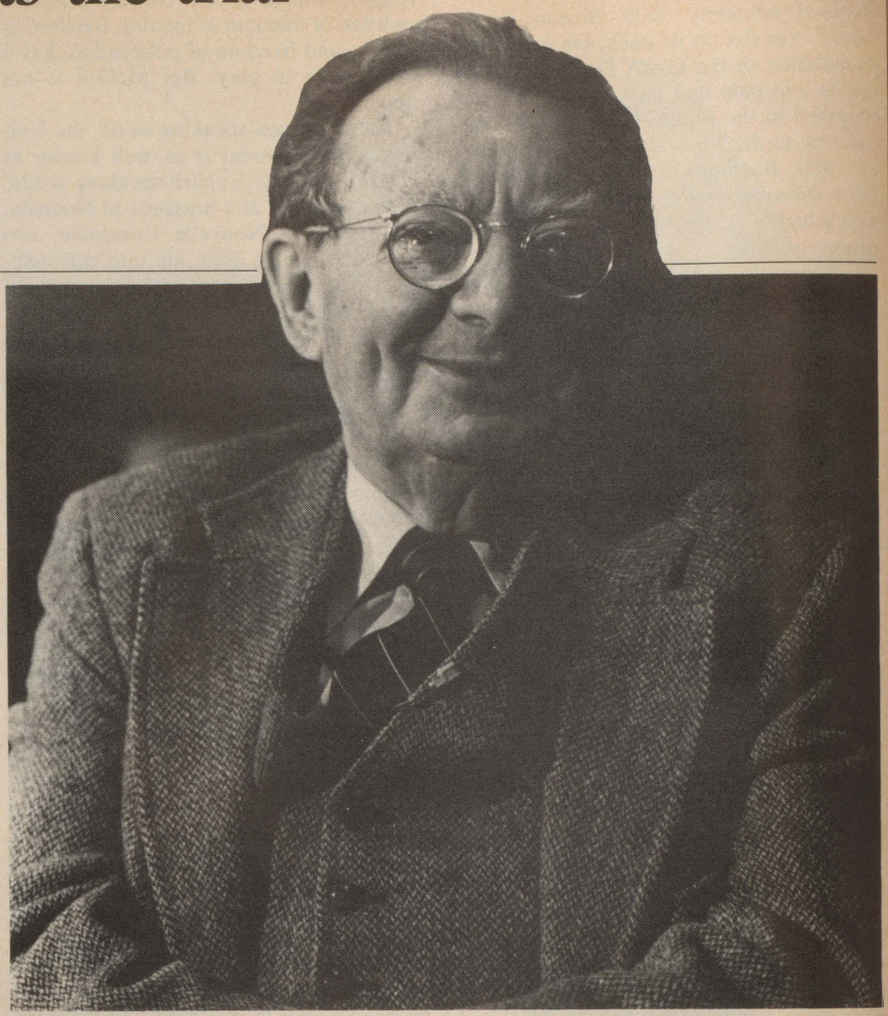
My convocation reminiscing then brought me back to 1960, when I re-entered university life as a McGill-wife. I had married John Jonas, BEng'54, who had accepted a teaching position in McGill's metallurgy department, where he remains still. These last twenty-three years have given me an altogether different perspective of my alma mater, as professors and administrators have become colleagues and friends, and as my husband has served as associate dean of Graduate Studies and as president of both the Faculty Club and of the McGill Association of University Teachers. And I should not overlook the year 1966-67 when I served McGill, albeit briefly, as a McGill staff member and teaching assistant in the classics department. I was impressed with the quality of my students, but I don't think they were or are today having as much fun as we did.

As the June 8, 1983 convocation came to a decorous end, my thoughts slowly came back to earth. They returned for a moment to June, 1982, when my daughter Jennifer crossed the same stage at Place des Arts on which my Dad now stood, to receive her BA. I guess that makes me a McGill-mother too!

To end, I mused on my Dad's words uttered as we crossed lower campus together earlier that day. He had rejoiced that McGill was still a first-rate university and one that enjoys an unbroken tradition as a liberal institution where academic freedoms are really valued. And what more can I add, but simply to say: "Queen of the colleges, dear old McGill."□

I.F. Stone revisits the trial of Socrates

by John Sainsbury



Harold Rosenberg

I. F. Stone has long been acclaimed and often idolized as a wise and intrepid defender of free thought and expression. In a career of journalism spanning over fifty years, he vigorously assailed the enemies of freedom, while defending the victims of intolerance. And his independent newsletter, the *I.F. Stone Weekly*, persisted from the McCarthy era through the Vietnam War as an often lonely voice of reasoned dissent.

One might assume, then, that Stone would identify a kindred spirit in Socrates – the Athenian philosopher, who through twenty-four centuries has been depicted as a victim of popular intolerance and as a martyr to the cause of free inquiry and speech. But such an assumption would be wrong. As this year's guest speaker in the Beatty Public Lecture Series held in the Fieldhouse Auditorium in May, Stone revisited Socrates' trial for impiety and corruption of youth, not to celebrate the originator of dialetical inquiry, but to denounce both him and his illustrious interpreter and disciple, Plato. The two, he argued, were far greater threats to democracy and free speech than their Athenian detractors.

Speaking without notes in three ninety-minute lectures, Stone – puckish in appearance and wit – treated the capacity audience to an idiosyncratic reappraisal of Socratic philosophy and Plato's "Ideal City." They were, he said, not simply anti-democratic; they also offered a blueprint for the development of harshly authoritarian societies. He stopped short of asserting that Socrates deserved his fate, though he did present a convincing account of the intolerable pressures on his persecutors – an historical backdrop to the trial often omitted in more traditional accounts.

How and why did I.F. Stone, veteran journalist, become I.F. Stone, revisionist classical scholar? In his lectures (which are drawn from a book in progress) and in discussion with the *McGill News*, he emphasized that his academic studies are a logical extension of, not a comfortable retreat from, a lifetime of political reporting. He discounts any significant distinction between the methods of the journalist and the scholar. "Both look at all the facts meticulously and freshly," he says. "I'm an old fire-horse put out to pasture, but I've set out to cover the trial of Socrates and still get a scoop."

His revisitation of ancient Athens came about as part of a detailed historical study of freedom and its foes, which he began in 1972. Eventually his odyssey took Stone to the Athens of the fifth and fourth centuries B.C. "This was the first extended period of free thought and free speech known to us," he explains. "There I fell in love with Athenians and Ionians, and I have been there ever since."

In pursuing his inquiries into Hellenic society and philosophy, Stone was not content to rely on translations of classical texts. So at age seventy he embarked on the study of ancient Greek. "Every point in classical scholarship, and especially in Platonic studies, is involved in tremendous controversy," he says. "That's one of the reasons why you have to learn Greek, to study the documents for yourself." Typically, he regards his language studies as a marvelous adventure, rather than as a chore, and he approaches them with the same enthusiasm with which he once pored over mountains of official publications to find evidence of government mendacity.

Stone finds particular joy in reading the Greek poets and dramatists in the original. "Sappho just sizzles," he says. "And reading Aeschylus is like talking to God." Even the prose of Plato, whose theories Stone finds so repulsive, he describes as "intoxicating." "No-one ever told me how beautiful the *Apology* was in the original," he says. "The artistry is on a level with Homer and Sappho and therefore just as untranslatable."

For Stone, however, Plato's seductively brilliant prose fails to redeem his political philosophy or that of his mentor, Socrates. He identifies in their ideology the "glamorous packaging" of an ancient myth – the notion that the common man is unable to govern himself. This notion is supported by an equally repugnant moral theory whereby Socrates equated virtue with knowledge. This narrow view, Stone points out, ignores or denigrates the wisdom and common sense of ordinary people as celebrated in Athenian democracy itself and in the Judeo-Christian tradition.

The Socratic solution to the supposed irredeemable stupidity of the masses was rule by a philosopher king – a concept that has appealed both to scholars and despots throughout the ages because, says Stone, it is flattering to both. But Plato's ideal state – as sketched in the *Republic, Politicus,* and *Laws* – is for Stone a totalitarian nightmare, containing most of the elements that have come to characterize closed and absolutist

societies. Under Plato's projected regime, all dissent was to be stifled (including that of rival philosophers) and strenuous efforts were to be made to inculcate what Plato called the Noble Lie – the notion that the lower classes were congenitally inferior and could not hope to rise above their humble station. Socrates was quite adamant, in fact, that rulers could lie, even to their own subjects, "for the benefit of the state." For Stone, this argument paves the way for what today the CIA refers to as "disinformation," classified facts not available to the public.

It would, of course, have been entirely out of character for Stone to assert that Socrates deserved execution for advocating a repressive society. But in his examination of the trial, he convincingly demonstrated that the ideas Socrates was fomenting were not harmless philosophical musings, but were genuinely threatening to the fabric of Athenian democracy. At the time of Socrates' trial in 399 B.C., Athens was still reeling from a long and debilitating war with its arch-rival, Sparta. Its power waning, Athens had been subverted from within by recent oligarchic coups against the democratic government. During these coups, young upper-class thugs – many of whom had sat at Socrates' feet – tyrannized the city with whips and cudgels. In such circumstances, then, the charge against Socrates of corrupting the youth of the city was scarcely trivial.

Even so, Stone claims, Socrates could have avoided conviction had he conducted himself in a more conciliatory fashion. Instead, he deliberately provoked the jury by his arrogance and boastfulness and chose not to appeal to the city's longstanding belief in free speech. Weary of life at seventy years old, and disappointed with his most promising pupils, Socrates willingly accepted the cup of hemlock. His death should thus be regarded as a suicide, not a martyrdom, according to Stone. And its real tragedy lay in the "awful blemish it placed on Athens."

Stone has rejudged Socrates and Plato; how in turn will he be judged as a classical scholar? Certainly his approach is vintage Stone – audacious, witty, and meticulous; but it is doubtful that his interpretations will be accepted as seminal. Most serious perhaps is his starry-eyed view of Athenian polity, which he contrasts with that of "fascist" Sparta. After all, even Thucydides, the Athenian historian, attributed his city's protracted war with Sparta to Athenian expansionism.

Nor does Stone's analysis of Platonic ideology add a great deal to an anti-Platonist tradition that stretches from Benedict de Spinoza to Karl Popper and Bertrand Russell. But by looking afresh at Socrates' trial through the eyes of a veteran journalist steeped in contemporary politics, Stone has brought to an event of ancient history an immediacy that generations of more traditional scholars have been unable, or unwilling, to accomplish.□

PERSPECTIVE

"Medico-arqueologico" in the Andes

by Brian Ward, MD'80

As soon as I finished my internship at the Queen Elizabeth Hospital in Montreal, I had the opportunity to join some friends at their archeological dig in the central highlands of southern Peru. Their proposal seemed ridiculous: I was to learn Spanish, read up on diseases I had barely heard of before, beg, borrow, or steal supplies, and pay for my own transportation. Having never taken an economics course, I accepted.

My appeal for medical supplies was generously supported by the local drug companies, and the McGill community provided valuable information on everything from Caesarean sections under local anesthetic to rabid bats. Eleven days out of my hospital internship, I set off with several thousand dollars worth of medical supplies in my pack and a favourite bit of advice for those practising medicine in the non-industrialized world: "Penicillin, suture material, and a fast horse!"

Almost as daunting as some of the stories told to me before I left were the travel arrangements awaiting me in Lima. Although they started well enough with a series of short bus and truck hops, the last leg was a 200 kilometer stretch of officially "abandoned track" winding its way up 4,500 meters to be negotiated with the aid of a military map and compass. It was becoming clearer why the expedition members already on site were so anxious to have a doctor along.

The 8,000 or so kilometers to Lima had taken twelve hours, while the remaining 500 to the dig took six days. Following routes seldom used by non-Indians, I quickly learned certain handy facts about traveling with sheep (i.e. which end is more fun to travel with) and got used to a dust-supplemented diet. Each kilometer forward seemed to be a step backward in time. There were such incongruities that, after a while, I stopped making most assumptions. The few I maintained were abandoned at midnight after the fourth day of travel when a huge Quetchua woman camped beside me on the floor of a bus with her potatoes and chickens, broke into a gutsy and nearly



Brian Ward: "I never guessed that my first medical shingle would be hung here in a desolate river valley in the Peruvian Andes."

perfect Mick Jagger imitation inspired by the overhead speakers that blared out "Satisfaction" and "Jumpin' Jack Flash."

By the time I arrived at the archeological base camp in the Soras River Valley, I was thoroughly acclimatized and, having spent the last fourteen hours astride the side-rail of a vintage Chevy pick-up, able to grin/wince at the unfortunate coincidence of the region's name. Looking down the desolate fifty kilometer valley for the first time I had to concede that I had never guessed, when entering medical school, that my first shingle would be bilingual (in Spanish and Quetchua) and would be hung in Peru. But for four months, "Medico-Arqueologico" it was, as I divided my time between practising archeology and operating small medical clinics for the local Indians.

The expedition was housed in Pampachiri, a small adobe village with a population of approximately 750. These Pampachirianos, as they are called, are able to scrape only the thinnest subsistence from the land and their herds. Their dirt-floored homes have no running water or sanitary facilities. They have no regular transportation, communication, or health care. It is no surprise that the region has one of the highest infant mortality rates in the world. Cut off from the mainstream of Peruvian life for centuries, the valley and its inhabitants have been forgotten.

Yet the isolation of this valley of some 2,000 inhabitants has also protected its rich archeological record from pot-hunters and developers. Once supporting as many as 35,000 people and a vast network of canals, aqueducts, and terraces, the valley had been a natural corridor for trade, influence, and conquest. It is literally choked with evidence showing that it was once an important link between coastal and mountain civilizations.

In the three years since its rediscovery, archeologists Monica Barnes and David Fleming have found more than forty-three individual sites along the length of the valley. They range from 10,000 year old stone tool sites to magnificent Inca ceremonial centres with more than 350 standing buildings. I joined the third expedition to the region and, for a neophyte, the situation was ideal. The days were filled with wandering, mapping and collecting surface finds, and trite as it may sound, "discovering things." Only the happy monotony of "too many" artifacts to catalogue, the predatory cacti growing at strategic survey points, and the cook who insisted on serving hot chili peppers for breakfast, put dampers on an otherwise idyllic archeological adventure.

As the season wore on, the daily contact with roofless buildings in still recognizable cities slowly created an eerie intimacy. More and more, the tangles of measuring tapes and angles of theodolites were forgotten as doorways became passages for real, although long dead, people. By day I worked with stairways and altars carved from solid rock, aqueducts still functioning after some 500 years, and the majestic cascades of terraces dominating the valley walls – all of which had been created by peoples little different from the modern-day Pampachirianos. But by night, when the descendants of these same architects, engineers, and planners opened the doors of their crude homes to a gringo doctor the contrasts were obvious.

Limited by time, language barriers, and lack of experience in the environment, I had no illusions that anything "significant" could be accomplished by working with the Indians. The provision of emergency medical services was simply a courtesy and a public relations gesture made toward a populace that was not completely sympathetic to the presence of our expedition. Initially the Indians were hesitant to bring their medical problems to me. Once several brave souls had tested the waters and survived, I had a steady flow of evening customers. Over the next four months, consultations ranged from simple things like scrapes and bruises to malnourished children (no less than 25 percent worms-by-weight) to bizarre problems confidently diagnosed by the local witch as "hex induced" (psychosomatic?). As for this last group, I was amazed and amused to have a woman wink and tell me to give her my largest and most brightly coloured pills or, better still, an injection that stung a bit.

Called to candle-lit corners for difficult deliveries or to the bedsides of dangerously ill patients, I always felt that on the one hand I might be able to do something. But on the other, my presence would spread the responsibility, and possibly the blame, to others in our expedition. In return for these "services" and the occasional request for specific medicines, the witch was happy to teach me some of the local remedies: coca tea for *soroche* or altitude sickness, coca itself for muscular spasms or toothache, and all manner of herbal concoctions for everything from headaches to the galloping trots.

And it was this same witch who took me aside to explain a fact I had been sheltered from my whole life. Faced one day with a sudden case of renal failure in a young and otherwise healthy man, I responded predictably. There was plenty of time to take him the 300 kilometers to the nearest hospital where, I was certain, they would be able to save his life. Encountering passive resistance in the village at every turn, I became almost frantic in my appeals for transportation. When the witch took me aside, all she said was, "It will be cheaper to bury him in the mountains." I had always known, in a bookish sort of way, that death for economic reasons was, in non-industrialized countries, the rule to our exception. But that knowledge did nothing to temper my shock and anger at its application to the life of someone sitting in front of me. When the funeral bells had rung and the feasting was over, the dead man's brother thanked me for what I had tried to do, saying, among other things, "You'll get used to it." I hope I never do.□

WHERE THEY ARE AND WHAT THEY'RE DOING

'26

BRIAN P. SUTHERLAND, MSc'26, PhD'28, of Victoria, B.C., was recently awarded a doctor of divinity degree by Regent College, a graduate theological college affiliated with the University of British Columbia, in Vancouver.

'33

ROBERT F. SHAW, BEng'33, is the honorary chairman of the Centennial Board of the EIC, which will celebrate its hundredth anniversary in 1987.

'34

J. J. DINAN, MD'34, a surgeon for forty years at St. Mary's Hospital, Montreal, is writing a history of the hospital.

'36

WILLIAM B. HUTCHINSON, MD'36, founding director of the Fred Hutchinson Cancer Research Center in Seattle, Wash., has been named Alumnus Summa Laude Dignatus for 1983 by the University of Washington Alumni Association.

RACHMIEL LEVINE, BA'32, MD'36, deputy director for research emeritus at the City of Hope Medical Center and Research Institute, Duarte, Ca., has been elected to membership in the National Academy of Sciences.

DAVID PALL, BSc'36, PhD'39, is founder and chairman of Pall Corp., a manufacturer of industrial filters that ranks, among publicly-held American corporations, second in total return to shareholders.

'37

F. MUNROE BOURNE, BA'31, MD'37, recently retired from practice as a physician in the D. V. A. Hospital at Ste. Anne de Bellevue, Que.

HILDA GIFFORD, BA'37, BLS'38, recently retired from Carleton University in Ottawa, Ont., was awarded an honorary doctorate for her work in their library system.

'38

DAVID R. FRASER, BA'38, MA'39, has joined Columbia Pacific Resources Group Ltd. as a director and full-time consultant.

JOHN D. STENSTROM, MD'38, a surgical specialist living in Victoria, B.C., was recently awarded the badge and certificate of senior membership in the Canadian Medical Association.

'41

CLERMONT DUSSAULT, BSc'41, retired in June from Canadair Ltd., after forty years of service.

HARRY OXORN, BA'41, DipObstetrics '51, Obstetrician-Gynecologist-in-Chief, Ottawa Civic Hospital, Ont., has written a biography of the late Dr. Harold Benge Atlee, who was professor of obstetrics and gynecology of Dalhousie University, Halifax, N.S., for thirty-five years.

CLARENCE SCHNEIDERMAN, BSc'39, MD'41, has been appointed assistant professor of urology in McGill's Faculty of Medicine.

'43

A. JEAN DE GRANDPRÉ, BCL'43, LLD'81, has become chairman, president and chief executive officer of Bell Canada Enterprises Inc., in Montreal.

HARRY STARR, BSc'41, MD'43, MSc'47, recently received the distinguished neurosurgeon of the year award from the Texas Association of Neurological Surgeons.

'44

GEORGE BOUKYDIS, BCom'44, is the president of Diana Sweets Ltd., one of Toronto's oldest restaurants.

'46

JAMES C. THACKRAY, BSc'46, has been elected chairman and chief executive officer of Bell Canada.

'47

DAVID BAIRD, PhD'47, will head the new Tyrrell Museum of Paleontology, which will be located five kilometres north of Drumheller, Alta.

DAVID CULVER, BSc'47, president and chief executive officer of Alcan Aluminium Ltd. of Montreal, has been named Canadian international business executive of the year.

ROBERT M. MacINTOSH, BA'47, MA'49, PhD'52, president of the Canadian Bankers' Association, has recently become chairman of corporations and foundations for the Bracebridge Library Restoration Building Fund, in Ontario.

Dr. HELEN KATHLEEN MUSSALLEM, BN'47, former executive director of the Canadian Nurses Association, recently received a doctor of laws degree from Queen's University, Kingston, Ont.

KENNETH G.W. SMITH, BSc'47, has been elected president and chief executive officer of the Canadian Paint and Coatings Association, in Montreal.

'48

KENNETH H. JONES, BEng'48, has been named president of the Ontario Centre for Computer-Aided Design/Computer Aided Manufacturing in Cambridge, and the Ontario Centre for Robotics in Peterborough.

EVA KUSHNER, BA'48, MA'50, PhD'56, recently received a Killam award from the Canada Council for literature.

ARNOLD McALLISTER, MSc'48, PhD'50, a geology professor at the University of New Brunswick, Fredericton, recently won the Canadian Institute of Mining and Metallurgy's Distinguished Lecturer Award.

JOHN S. McKENDY, BA'48, who is scheduled to retire from National Trust in mid-1984 after twenty-three years of service, will continue as vice-president on special assignment.

A. RICHARD TREMAINE, BSc'48, has been appointed vice-president, finishing, of the Apparel and Industrial Fabrics Co., of Dominion Textile Inc.

'49

GORDON L. COOPER, BEng'49, is taking early retirement from the Ontario Paper Co., after thirty years of service.

D. A. I. GORING, PhD'49, a prominent scientist and educator, was recently appointed vice-president academic of the Pulp and Paper Research Institute of Canada, in Pointe Claire, Que.

'50

GEORGE B. CREAMER, PhD'50, recently retired from ITT Rayonier Inc., after thirty-three years of service, and has moved to his working farm in Putnam Station, New York.

HERBERT SIBLIN, BCom'50, was recently elected president of the Sir Mortimer B. Davis Jewish General Hospital Centre Board, in Montreal.

'51

JOHN P. FISHER, BEng'51, a resident of New Brunswick, has been elected chairman of the executive board of the Canadian Pulp and Paper Association.

J. MAURICE LeCLAIR, BSc'49, MD'51, is president and chief executive officer of Canadian National Railways, headquartered in Montreal.

TED TILDEN, BCom'51, of Montreal, is president of the Tilden Rent-A-Car System, a franchise holding company.

'52

DONALD K. CAMERON, BSc'52, after eleven years with Aramco in Saudi Arabia, and London, England, has recently settled in Slidell, La., where he is palynology coordinator for Chevron U.S.A.'s eastern region exploration program.

GEORGE DENTON CLARK, MEng'52, president and chairman of RCA Ltd., recently received a doctor of laws degree at the University of Prince Edward Island convocation, in Charlottetown.

'53

MORLEY CALVERT, LMus'53, BMus'56, was one of the adjudicators at the recent Kiwanis Music Festival in St. John's, Nfld.

RODERICK C. FOSTER, BCom'53, was recently appointed executive vice-president of Imasco Ltd., Montreal.

MICHAEL A. KLUGMAN, MSc'53, PhD'56, has recently been appointed special employment coordinator of Ontario's Ministry of Natural Resources.

MURRAY McEWEN, BScAgr'53, chairman of the Macdonald Agricultural Campaign that successfully raised the $7.2 million for the new building at Macdonald College, has bought a farm near Guelph, Ont.

Dr. MARTIN C. ROBINSON, BSc'53, of San Jose, Ca., has been elected to fellowship in the American College of Cardiology.

'54

JAMES FINLAY, MEng'54, has recently become executive coordinator, mineral resources, of Ontario's Ministry of Natural Resources.

JOHN A. MAHOMED, BEng'54, was recently installed as president of the Canadian Society for Mechanical Engineering.

DEREK H. MATHER, BCom'54, was recently appointed president and chief executive officer of Vencap Equities Alberta Ltd.

JOHN W. McGILL, BCom'54, has recently been made president of Canadian Liquid Air, Montreal.

'55

Dr. DONALD GEORGE, BEng'55, is dean of the new Faculty of Engineering at Simon Fraser University, Burnaby, B.C.

ROBERT T. STEWART, BCom'55, is executive vice-president of Scott Paper, Vancouver, B.C.

'56

CARMAN RANDOLPH COLWELL, BCom'56, of Moncton, N.B., recently received an FCA commemorative certificate for his service to the accounting profession.

JOHN KENNERLEY, BSc'56, has been appointed deputy director of the industrial division of E.C.E. at the United Nations in Geneva, Switzerland.

BRIAN D. QUINN, BSc'56, DipMgmt'70, MBA'76, has been appointed vice-president, manufacturing, of Smith and Nephew Inc., Lachine, Que.

NICKOLAS J. THEMELIS, BEng'56, PhD'61, professor of mineral engineering at the Henry Krumb School of Mines, Columbia University, New York, N.Y., was recently elected a member of the National Academy of Engineering.

'57

RAWDON JACKSON, BSc'57, has been appointed vice-chairman and chief executive officer of Jones Heward and Co. Ltd.

AIDAN F. RYAN, BEng'57, is the director of the Newfoundland Light and Power Co. Ltd., in St. John's.
C.R. YOUNGER, BCom'57, the vice-president of Dominion Securities Ames Ltd., has been elected chairman of the Toronto Stock Exchange.

'58
MELVIN CHARNEY, BArch'58, a professor of architecture at the University of Montreal, designed "A Kingston Construction," the first major piece of architectural art to go up in Kingston, Ont.
CLAUDE MAILLET, BEng'58, general manager, network services, of Bell Canada, in Montreal, has accepted a second term as president of the Quebec branch of the Kidney Foundation of Canada.
TAKETO MURATA, BSc'58, president of Hunt-Wesson Canada and Norton Simon Canada Inc., has been elected chairman and chief executive officer of the Canadian Food Processors Association for 1983-84.
SIDNEY PASOFF, BEng'58, has been appointed vice-president, management information services, of the Oshawa Group Ltd.

'59
OTTO FORGACS, PhD'59, of Vancouver, B.C., is senior vice-president, research and development, of MacMillan Bloedel Ltd.
STEPHEN T. O'FARRELL, BEng'59, has been appointed director, public and government relations department, Texaco Canada, Inc.
GERALDINE SCHWARTZ, BA'59, MA'69, PhD'76, of Vancouver, B.C., has been elected the first president of the International Foundation of Learning, recently formed to research learning disabilities in children.

'60
ROBERT BECKER, MD'60, has been appointed professor and chairperson of the department of psychiatry at Southern Illinois University—Carbondale's School of Medicine.
ROMAN BOYKO, BCom'60, has joined the insurance firm of Coopers and Lybrand/Laliberté Lanctôt as a partner, in Montreal.
Lt.-Col. JEAN B. LIBERTY, BSc'60, is posted to the Canadian Forces Base, Edmonton, Alta.

'61
ARTHUR J. BIRCHENOUGH, BEng'61, was recently appointed president of Canatom Inc., a private consulting firm offering services in the nuclear energy field.
FRANCES (SILVER) KUSHNER, BA'61, has earned a master's degree in social work from the University of Southern California.
MARCEL MASSÉ, BCL'61, was recently appointed under-secretary of state in the External Affairs Department, Ottawa, Ont.
MOSHE SAFDIE, BArch'61, LLD'82, was recently given the job of designing the new National Gallery building in Ottawa, Ont.
Dr. KETO SOOSAAR, BEng'61, head of structures and dynamics division, at the Charles Stark Draper Laboratory, Cambridge, Mass., has been appointed to the NASA Space Systems and Technology Advisory Council.
DANIEL J. SULLIVAN, BCL'61, is public affairs adviser with the Canadian Bankers' Association in Ottawa, Ont.

'62
W. PETER ADAMS, MSc'62, PhD'66, associate dean of sciences at Trent University, Peterborough, Ont., is co-chairman of Participaction and has run the Boston Marathon three times.
DIETHARD K. BOHME, BSc'62, PhD'66, professor of chemistry at York University, Toronto, Ont., has won the Noranda Award for 1983, given by the Chemical Institute of Canada for a distinguished contribution in physical chemistry by a scientist under the age of forty.
MAURICE BROSSARD, PhD'62, is the new vice-president, biotechnology, of the Société Générale de Financement du Québec.
A. E. COLLIN, PhD'62, is the associate deputy minister for Energy, Mines and Resources Canada.
Rev. THOMAS EDMONDS, BScAgr'57, BD'62, MA'70, of Montreal, holds a United Church of Canada McLeod Scholarship for 1983-84.
JOHN A. HANSULD, PhD'62, has been elected president and chief executive officer of Canamax Resources Inc., a newly-formed Canadian mineral exploration and development company.
STAN NESTER, BA'62, operates a landscape gardening business in Moshav Sde Hemed, Israel.
RICHARD M. WISE, BCom'62, of Montreal, has been elected a partner of Thorne Riddell/Poissant Richard, Canada's largest firm of chartered accountants.

'63
Dr. ARTHUR M. BLANK, BSc'63, is chief of the department of psychology at Queensway-Carleton Hospital, Nepean, Ont.
ROEL C. J. P. BRAMER, BA'63, has been appointed managing director, international division, of Murray and Co. Ltd., an international real estate and mortgage brokerage firm.

'64
INA CUMMINGS AJEMIAN, MD'64, is a director of the Montreal Convalescent Hospital and an authority on palliative care.
ALDO BENSADOUN, BCom'64, runs Aldo Shoe Stores, a chain stretching from Quebec to Alberta.
JUDITH A. FINKELSTEIN, BSc'64, is professor of anatomy at Northeastern Ohio Universities College of Medicine in Rootstown.

'65
LAWRENCE BLOOMBERG, MBA'65, heads First Marathon Securities Ltd., in Toronto, Ont.
MAURICE COLSON, MBA'65, is a partner in First Marathon Securities Ltd., in Toronto, Ont.
ROBERT G. COOPER, BEng'65, MEng'66, is the new director of research of the Canadian Industrial Innovation Centre, Waterloo, Ont.
AFTAB MUFTI, MEng'65, PhD'69, has been appointed a director of the newly-created Computer-Aided Design Centre at the Technical University of Nova Scotia.

'66
HAROLD RAVEN, BSc'66, MBA'69, has been appointed group controller, foods, of Nabisco Brands Ltd.
Dr. MICHAEL ROSENGARTEN, BEng'66, a cardiologist at the Montreal General Hospital, recently helped implant a computerized pacemaker into a man who had suffered palpitations for fifteen years and who had not responded to medication.
H. BERNIE SHAFFER, BA'63, BCL'66, a senior counsel for the Government of Canada in Ottawa, Ont., has recently been appointed a Queen's Counsel.

'67
GARY R. CAMERON, BScAgr'67, lives in Athens, Greece, where he is manager of technical services in the eastern Mediterranean for Pepsi-Cola International Ltd.
GWENDOLINE PILKINGTON, MA'67, has just published from the History of McGill Project a volume entitled *Speaking with One Voice – Universities in Dialogue with Government.*
GLEN K. WOODIN, BEng'67, MBA'69, has been appointed general sales manager, major systems division, CNCP Telecommunications.

'68
HENRI DEGIOANNI, MBA'68, was recently named vice-president of Torrington International, Torrington, Conn., a division of Ingersoll-Rand.
PAUL A. GELINAS, BCL'68, is the Paris, France, representative of the law firm Phillips and Vineberg.
DIANNE JOHNSON, BA'68, was recently appointed principal of Montcrest School, an independent co-educational day school in Toronto, Ont.
CHRISTOPHER JURCZYNSKI, BA'68, recently joined the corporate finance department of Pitfield Mackay Ross Ltd., in Toronto, Ont.
SHEILA O'NEILL, DipNurs'66, BN'68, is assistant director of nursing at the Royal Victoria Hospital, Montreal.
H. CHRISTIAN WENDLANDT, BA'65, BCL'68, has been appointed regional counsel, Canadian Pacific, in Montreal.

'69

JACK MARIA KAPICA, BA'69, MA'72, is an editor with the *Globe and Mail*, Toronto, Ont.

Dr. JOSEPH MITTELMAN, BSc'69, MSc'73, of Rockland, Ont., was recently elected president of the Ontario Association of Optometrists.

SYLVAIN SIMARD, PhD'69, is the vice-president of the Parti Québécois.

LORRAINE SMITH, BSc'69, recently completed an MLS degree at the University of Western Ontario, in London.

'70

Dr. C J. CHIU, PhD'70, a cardiovascular surgeon at the Montreal General Hospital, recently helped implant a computerized pacemaker into a man who had suffered palpitations for fifteen years and who had not responded to medication.

GEOFFREY W. GOSS, BEng'70, has been appointed vice-president of marketing for the telecommunications networks division of the Harris Corp. in Melbourne, Fla.

'71

STEVEN G. ARLESS, BSc'71, has been appointed vice-president, marketing and sales, of Smith and Nephew Inc., Lachine, Que.

MARK FIRTH, MEng'71, is manager of the Calgary, Alta., branch of Non Destructive Inspection Ltd.

VICTOR J. E. JONES, BSc'71, MBA'75, has been appointed president of Westly Mines Ltd. and Majorem Minerals, Ltd., exploration companies based in Vancouver, B.C.

Dr. JOY PARR, BA'71, is a professor of history at Queen's University, Kingston, Ont.

ANDRÉ L. POTVIN, BCom'71, is consul and first secretary in Bamako, Mali, West Africa, where he heads the office of the Canadian embassy.

'72

JOHN BANDIERA, BA'72, is assistant professor of art history at Emory University, Atlanta, Ga.

PAUL OSTROV, BSc'72, MBA'74, has recently been appointed manager, mergers and aquisitions services, Ernst and Whinney, Chartered Accountants.

MYASSAR M. TABBA, MEng'72, PhD'79, is chief engineer with A. M. AL-ISSA Consulting Engineers in Riyadh, Saudi Arabia.

'73

CAROLE P. CRAWFORD, BA'73, has been appointed manager of program services and registrar for the Banff Centre School of Fine Arts, in Alberta.

THERESE d'AMOUR, BSc'73, MSc'77, recently had a one-person show of her paintings at Dresden Galleries, Halifax, N.S.

'74

L. GEORGE BENDIKAS, BSc'70, MD'74, is a clinical instructor of ophthalmology at Northwestern University, Chicago, Ill.

NICK DRAGER, BSc'70, MD'74, is currently medical officer with the World Health Organization in Geneva, Switzerland.

PHIL MAGDER, MSW'74, has become a partner with Murray Axmith Inc., an executive career planning firm in Montreal.

MIKE PRESCESKY, BMus'74, gives organ lessons in St. Stephen, N. B., and recently become the organist at the Stone Church in Saint John, N. B.

'75

JAMES BAER, MBA'75, was recently elected treasurer of the French Chamber of Commerce in Canada, headquartered in Montreal.

NED MEHLMAN, BSc'71, MD'75, of Cincinnati, Ohio, has been elected to fellowship in the American College of Cardiology.

'76

MICHEL BOUCHER, BA'76, associate director of Theatre New Brunswick, was appointed adjudicator of the 1983 Provincial Drama Festival in St. John's, Nfld.

EDWARD NIN-DA SHEN, BSc'72, MD'76, an instructor in medicine at Moffitt Hospital at the University of California, San Francisco, has been elected to fellowship in the American College of Cardiology.

DAVID WOLF, BA'76, has become a partner in the Boston, Mass., law firm of Weiss, Zimmerman and Angoff, P.C.

'77

ANNE-MARIE MacLELLAN, BSc'72, MD'77, is the new director of the medical emergency service at the Montreal Children's Hospital.

CHRIS WOOD, BScAgr'77, is regional hygiene officer for CN Medical Services in the Great Lakes Region of Ontario.

'78

ROBERT SCOTT, MD'78, an Alexandria, Ont. physician, works with Dr. Henry Morgentaler's abortion clinics in Winnipeg, Man., and Montreal.

NOHA DAKKAK TABBA, BA'78, DipEd'79, is teaching English in Riyadh, Saudi Arabia.

'79

STEVEN CHIN, BSc'79, a student at the New England College of Optometry in Boston, Mass., was recently selected to become a member of Beta Sigma Kappa, the international optometrical honour society.

CATHERINE A. PAWLUCH, MA'79, was recently called to the Bar of Ontario and is now working with the Toronto, Ont., law firm, Morris, Rose and Ledgett.

DEVKUMAR SAINANI, BSc'79, recently won first prize in a competition among graduating engineers at the University of Western Ontario in London, for his device to detect early deterioration in the eyes of diabetics.

ANNE ELIZABETH SMITH, BMus'79, recently won the Mead Johnson Canada Award, a national dietetics award made possible by Mead-Canada, a unit of Bristol-Myers Pharmaceutical Group.

BRENDA SMITH, BA'79, is the new children's librarian at the Renfrew public library, in Ontario.

'80

HELEN LOWTHER, BSc'80, was appointed 1983 supervisor of the Canada Employment Centre for Students, in Amherst, N. S.

PHILIP PRICE, MLS'80, is a chemical information scientist for the Canadian Centre for Occupational Health and Safety in Hamilton, Ont.

ROSEMARY SULLIVAN, MA'80, has opened an Irish house of hospitality, called Pigeon Hill Bruideen, in St. Armand, Que.

'81

LOUIS HAECK, LLM'81, a counsel with Claveau, Haeck & Le François, St. Laurent, Que., has been elected assistant corporate secretary of the International Air Transport Association, Montreal.

JOHN MacQUARRIE, BScAgr'81, was recently appointed potato disease and disinfection administrator, plant industry services branch, of Prince Edward Island's Department of Agriculture.

KATHLEEN MARCINIAK, BScN'81, is a nurse at the Royal Victoria Hospital, Montreal.

GERALDINE SMOLUK, BSc'81, is working on a biochemistry PhD at the University of California at La Jolla.

'83

TERRI NASH, PhD'83, made the film *If You Love This Planet*, a documentary that recently won an Academy Award. (See page 3.) □

DEATHS

'15

Lt. Col. ORRIN B. REXFORD, BA'15, MA'36, at Montreal, on April 7, 1983.

'16

GEORGE RITCHIE HODGSON, Eng'16, at Montreal, on May 1, 1983.

'20

DAVID M. BALTZAN, MD'20, at Saskatoon, Sask., on June 15, 1983.

VERNON RUSSELL DAVIES, BSc'20, MSc'23, at Toronto, Ont., on April 2, 1983.

'21
GUY S. LORDLY, BSc'21, at Saint John, N. B., on May 10, 1983.
Judge JAMES GORDON NICHOLSON, BCL'21, at Montreal, on May 1, 1983.

'22
SHIRLEY EDYTHE (MacRAE) CLARKE, BA'22, at Pointe Claire, Que., on April 19, 1983.
SIDNEY G. MURRAY, BA'22, MA'38, at Toronto, Ont., on March 30, 1983.

'23
DR. EDGAR WENDELL HOLDEN, BSA'23, at East Stroudsburg, Pa., on March 19, 1983.
GERALD W. WILLOUGHBY, BCom'23, at Birmingham, Mich., on March 29, 1983.

'24
WILLIAM EDWARD HUME, MD'24, at St. Catharines, Ont., on June 7, 1983.
LILLIAN (BINGHAM) HUTCHISON, BCom'24, at Ottawa, Ont., on May 24, 1983.
JOHN P. MARSH, MD'24, at Grand Rapids, Mich., on June 4, 1983.
ABRAHAM USHER, BCom'24, at Montreal, on May 31, 1983.

'25
WILLIAM A.J. PITT, BSc'25, at Miami, Fla., on March 26, 1983.

'26
GEORGE ARTHUR GRIER, BA'26, at Tenerife, Canary Islands, Spain, on May 17, 1983.
DAVID S. WATSON, DDS'26, at Brunswick, Ga., on April 13, 1983.

'27
MONICA (WRIGHT) COWLEY, DipPE'27, at Guelph, Ont., on April 7, 1983.

'28
JEAN GORDON (CUMMING) TURNER, DipLS'28, at Victoria, B.C., on June 7, 1983.

'29
CHARLES E. MOORE, BSc'29, at London, Ont., on April 13, 1983.

'30
EMILY J. LeBARON, DipPE'30, at Montreal, on June 10, 1983.
J.H. PARKS MATHESON, BSc'30, at Pointe Claire, Que., on June 8, 1983.

'31
CLEMENT JOHN PIMENOFF, BSc'31, MEng'32, at Montreal, on March 31, 1983.
EDMUND W. WYLDE, MD'31, at New Westminster, B.C., on Jan. 18, 1983.

'32
J. PIERRE CHARBONNEAU, BCom'32, at Ottawa, Ont., on Sept. 5, 1982.
HARRY N. CHURCH, BCom'32, at Tillsonburg, Ont., on April 21, 1983.
J.H. EDWARD DuBOIS, BCom'32, at Montreal, on May 24, 1983.

'33
CHARLES B.G. CHURCH, MD'33, at Perth, Ont., on April 26, 1983.
EDWARD GORDON KIRBY, BEng'33, at Ottawa, Ont., on May 8, 1983.

'34
WILLIAM LESLIE HUTCHISON, BEng'34, at Toronto, Ont., on March 25, 1983.
WALTER WILLIAM NICOLSON, MD'34, at Alameda, Ca., on Jan. 13, 1983.
CONSTANCE (McKENTY) O'TOOLE, BLS'34, at Montreal, on May 25, 1983.
KENNETH G. SMYTH, BCom'34, at Ottawa, Ont., in Nov. 1981.

'36
B. GRACE (BERNSTEIN) ROSE, Arts'36, at Long Beach, Ca., on Jan. 21, 1981.

'37
CHARLES U. LETOURNEAU, MD'37, BCL'48, at Ste. Anne de Bellevue, Que., on May 30, 1983.
BRUCE R. RITCHIE, BCL'37, at Toronto, Ont., on May 23, 1983.
HAROLD L.B. SEIFERT, BEng'37, at Mississauga, Ont., on April 14, 1983.

'38
REV. ELI CLEMENT KELLOWAY, BA'38, at Cobourg, Ont., on Aug. 8, 1982.
HARRY L. NUTIK, BCom'32, MD'38, at Montreal, on May 5, 1983.

'39
D. MARGARET (SLACK) SCHOFIELD, BA'39, DipSW'41, at Montreal, on June 13, 1983.

'40
DOUGLAS H. TOZER, BSc'40, at Liverpool, N.S., on July 17, 1982.

'41
BRENDAN JOSEPH KENALTY, MSc'41, at Port St. Lucie, Fla., on April 5, 1983.
F. SIDNEY STOPPS, BEng'41, at Richmond, Va., on Jan. 20, 1983.

'42
DESMOND G. CARTY, BEng'42, at Winnipeg, Man., on Oct. 29, 1982.
ROY A. KIRKBRIDE, MD'42, at Vancouver, B.C., on Feb. 12, 1983.

'43
BERNARD L. ROSENBERG, BA'39, MD'43, at Woodbury, Conn., on May 7, 1983.

'45
EVAN ALEXANDER MacCALLUM, BA'42, MD'45, at Montreal, on June 6, 1983.

'47
JACQUES R. LANGEVIN, BCom'47, at Trois Rivières, Que., on April 25, 1983.
W. WALLACE LUMMIS, BScAgr'47, at Princeton, N.J., on May 7, 1983.
GERALD M. MAHONEY, MSc'47, PhD'49, at Montreal, on June 15, 1983.

'48
ALAN H.S. MacCARTHY, BA'48, at Aylmer, Que., on Dec. 14, 1982.

'50
STEFAN DRELUCH, BEng'50, at Montreal, on Jan. 13, 1983.

'51
Major BENJAMIN RICHARDSON, BSc'51, at Lakeview, Que., on April 30, 1983.

'52
DOMINIC J. NICKILO, BEng'52, at Oakville, Ont., on May 10, 1982.
ROY ROOKLIN ROGERS, BEng'52, at Boston, Mass., on April 22, 1983.

'53
JOHN JACQUES PRAIRIE, BEng'53, at Pointe Claire, Que., on Feb. 23, 1983.

'59
RICHARD DESMOND THOMPSON, MEng'59, at Malton, Ont., on Nov. 11, 1982.

'66
ZVI PALEY, PhD'66, in late March, 1983.
MYRNA B. SHERRARD, DipNurs'65, BN'66, at Moncton, N.B., on March 15, 1983.

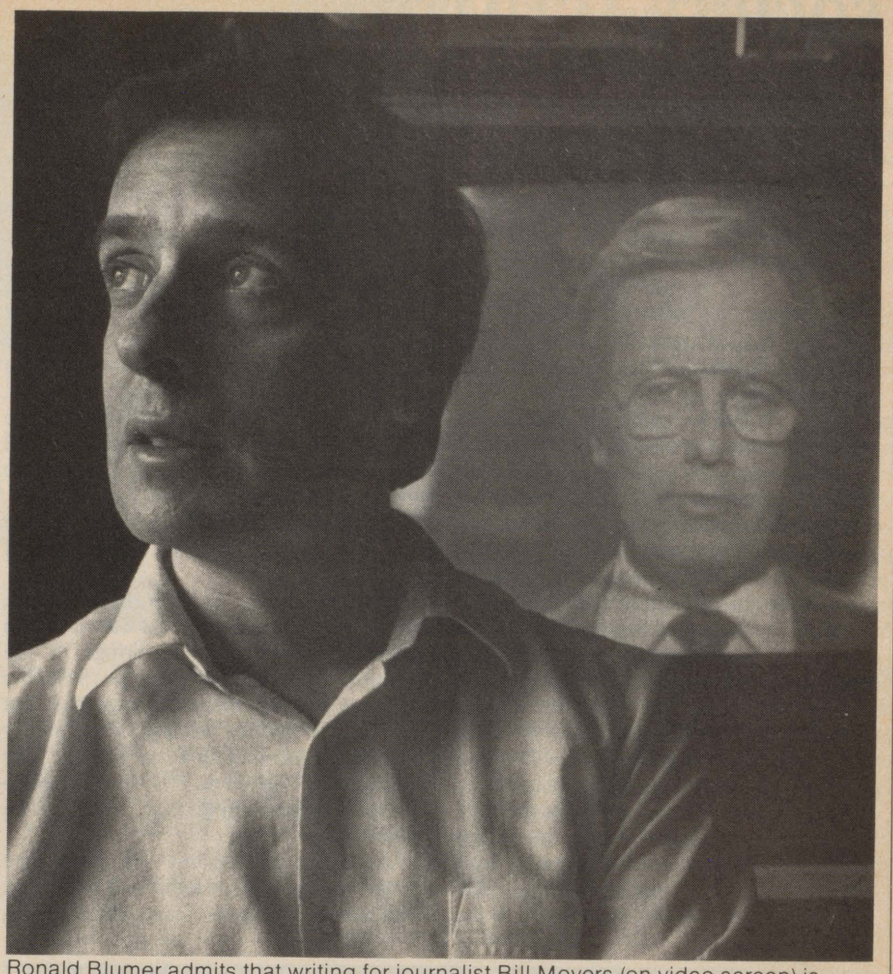
'67
BONNIE NOREEN BRYANS, MSc'67, PhD'69, at Halifax, N.S., on March 31, 1983.

'71
JONATHAN A. GUSSMAN, BEng'71, at Cincinnati, Ohio, on June 2, 1983.

'81
ROBERT EIDINGER, BSc'81, at Montreal, on April 8, 1983. □

FOCUS

Ronald Blumer



John Geeza

Ronald Blumer admits that writing for journalist Bill Moyers (on video screen) is often difficult.

Twenty stories above Manhattan traffic, in a white-on-white apartment, documentary writer-producer Ronald Blumer, BSc'64, quietly folds his hands behind his head. Shy and at ease at the same time, he has the world spread out below him and his past and his future in perspective.

Fourteen years ago at McGill, Blumer was a teaching assistant to John Grierson, the now legendary co-founder of the National Film Board (NFB). Blumer has come a long way since then, having just finished two series with American television journalist Bill Moyers: five episodes of the *Creativity* series and five of *A Walk Through the Twentieth Century*.

"What I learned from Grierson," says Blumer, "is an idea about filmmaking that doesn't occur to many people: How do you get funding? Filmmaking costs money, and it's getting more expensive all the time. The point is that you have a responsibility to the people who are paying you to do what they want. If you're working for television, you have to make the product accessible to a television audience. If you're working for an oil company, you have to find a way to make them happy."

For Blumer, Grierson wasn't a filmmaker – he was a "practitioner" of the documentary idea. "I didn't learn how to make films from him, but I did learn a certain social responsibility. In Grierson's case, the client was the government and the good of the client was – at least theoretically – the good of the whole country."

Grierson was largely responsible for the art of documentary filmmaking as we know it today. And it's that art, Blumer feels, that our neighbors to the south haven't quite mastered. "Most of the people working in documentaries in the States are in the field because they can't get into feature films. (That is, by default.) But in the country of the blind, the one-eyed man is king."

And Blumer does bring a great deal of expertise to his work. "If what I do has to be specified, I would say I cast documentaries. Writing documentaries is different from anything else. In the *Creativity* episode on the black American poet Maya Angelou, for example, there's no narration, but it's *written* all the same. In documentary work, choosing a situation is writing. Another thing I learned from NFB producers Bob Duncan and Donald Brittain was the importance of researching a subject before going out with a camera. You have to find something – a subject where something is happening – and express this in an interesting way."

One of Blumer's gifts is finding the right perspective. In *How to Create a Non-Person*, for example, he wanted to portray the dehumanizing effects of old-age homes. Rather than treat the subject as a grim exposé, he did a parody of a "how-to-dehumanize-someone" tape for institutions. He has, to date, rented or sold more than 500 copies of it. And in the CBS-NFB co-production, *Paperland*, he translated the abstract theme of bureaucracy into a series of vignettes that gained him the Canadian Film Award for the best non-fiction script in 1980.

What's it like for an off-stage man like Blumer to work with a television personality like Bill Moyers? "Moyers takes a more active role than many network staff people would," says Blumer. "In some situations, we'd give him 100 ideas and he'd pull out 50 and then we'd pare those down. Writing for a writer like Moyers is generally difficult. He would often rephrase everything we wrote into his own vernacular to say on the air. He always questioned how an audience would react to something. 'What would my parents think of this?' he'd ask."

Now that he's finished the series, *A Walk Through the Twentieth Century* (to be aired in 1984), Blumer is breathing a bit easier. He still works with Dave Grubin, the producer-director of *A Walk Through the Twentieth Century* and the *Creativity* series, and they are looking for new projects. As we talk the phone rings. It's someone from the American Civil Liberties Union asking Blumer to participate on a panel to discuss why the United States government labeled two NFB films propaganda.

"You didn't ask me what I miss about Canada," he adds, hanging up. "Crumpets, 222's, and Laura Secord chocolate pudding," all said with the air of a man who's become a New Yorker. "Well, I'm married to a Manhattanite – happily married by the way – who is a filmmaker herself. So I'm here. No I don't feel a great loyalty to Canada, but I do for Montreal, and strangely enough, for McGill."

It's time to go. He has a business lunch. In a rumpled dress shirt, he saunters out of his building with a nod to the uniformed doorman. In Montreal, Blumer's resemblance to Woody Allen might be noted. In New York, it doesn't get a second glance. He's just a casual, shy man in a rumpled dress shirt on his way to get someone else's image on the screen so that several million people will get to see it. *John Geeza*□

SOCIETY ACTIVITIES

Martlet House hellos and good-byes

Some important staff changes have taken place in Martlet House this summer.

Gary Richards recently resigned as executive director of the Graduates' Society to assume a similar position with his alma mater, Concordia University. During his five years of service at McGill, the society has flourished in all its aspects – thanks in large part to Gary's energy and enthusiasm. He will be affectionately remembered in Martlet House for his irrepressible sense of humour and his ability to move around the building at lightning speed. Those working on the third floor will miss the familiar exchange: "Where's Gary?" "I don't know. He was here a second ago."

Gary takes with him to Concordia a wealth of experience from his McGill years: "I have learned about the mechanics of budgeting and alumni programming in an era dominated by financial restraint." He will also retain a lasting impression of the loyalty of McGill's graduates to their university. "I hope to initiate programs at Concordia that will encourage the same kind of loyalty," he says.

Regret at Gary's departure has been to a large extent assuaged by the appointment of Gavin Ross as his successor. Gavin is well known to graduates through his work as director of annual giving during the last seven years. Under Gavin's direction, the alma mater fund has nearly doubled to its 1982-83 level of $1.5 million. In addition, Gavin has effectively administered the McGill Parents Fund and the McGill Associates (non-graduate members of the business and professional community, whose support for McGill has increased four-fold during his term as director of annual giving).

Before coming to McGill in 1975, Gavin enjoyed a successful career as an insurance broker. So he brings to the position of executive director valuable business and administrative expertise. But he plans – initially at least – no major changes in the society's operations. "My inclination," he says, "is not to make changes in something that seems to be working well."

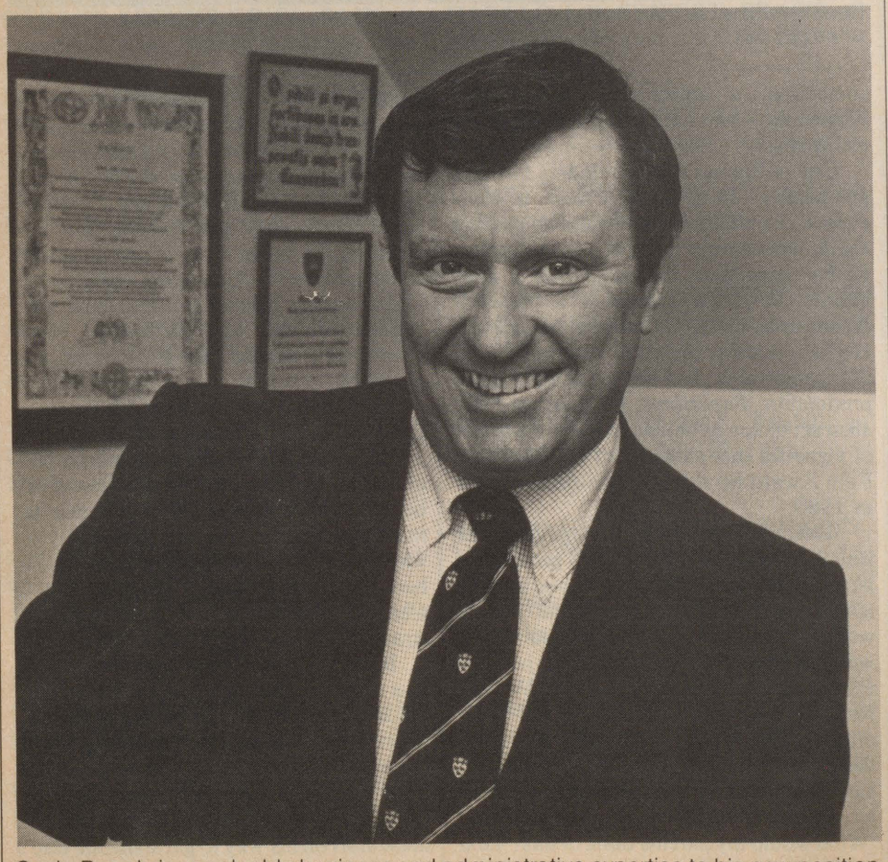
As Gavin assumes his new duties, one of the society's most loyal and dedicated staff members takes his leave. After serving the society for twelve years – for the last eight as director of alumni relations – Tom Thompson is now deploying his talents as full-time deputy director of the McGill Advancement Program. Tom's accomplishments in the field of alumni relations have indeed been impressive. For example, since 1975, activities in the branch network have expanded five-fold, and the number of classes attending reunion weekend has more than doubled. Because of his sterling efforts in visiting alumni branches throughout North America, there are few Martlet House staffers who are better known and respected among graduates than Tom. The one consolation of his departure is that he will still be headquartered in Martlet House and thus available for advice and consultation.



Tom Thompson has recently become full-time deputy director of the McGill Advancement Program.

The society also welcomes a new special events coordinator. Kathryn Whitehurst takes over from Mary Payson who recently left for Toronto. Kathryn is a native of England where she taught languages at two comprehensive schools in Derbyshire. She also has taken groups of children on tours of France and Germany and loves to travel. She and her husband came to Montreal in 1980, "because we wanted a chance to see this side of the world," she explains. Here she has worked at McGill's Instructional Communications Centre and enjoys reading and gardening in her spare time. Given her sprightly personality and lively wit, Kathryn should soon endear herself to colleagues and graduates alike.

We send our congratulations to *McGill News* assistant editor John Sainsbury on the arrival of his new son, Edward. John will begin a leave of absence from the *News* this fall to take up a sessional teaching appointment in the McGill history department.



Photos by Harold Rosenberg

Gavin Ross brings valuable business and administrative expertise to his new position as director of the Graduates' Society.



Special events coordinator Kathryn Whitehurst and *McGill News* assistant editor Peter O'Brien relax before the beginning of another busy September.

Filling in for John as assistant editor is Peter O'Brien, a published poet and critic and McGill MA candidate. Born in New York, Peter grew up in Vancouver, B.C., and has completed an honours BA in English at the University of Notre Dame in South Bend, Indiana. He has also spent a year at the School of Irish Studies in Dublin, Ireland, and has studied ceramics at the Banff Centre School of Fine Arts in Alberta. As the founding editor of the McGill literary journal, *Rubicon*, and as an assistant editor of *Essays on Canadian Writing*, Peter brings a great deal of editorial expertise to the *McGill News*.□

A message from the president

As with any organization, the Graduates' Society must experience changes in its personnel from time to time. But while we shall miss the energy and talent of Gary Richards and Tom Thompson, we are very fortunate to welcome aboard as executive director someone of Gavin Ross's experience and dedication.

Perhaps the most interesting aspect of the recent staff changes is the close link they demonstrate between the activities of the Graduates' Society and the university's fund raising efforts. Tom has moved from alumni relations to work for the capital campaign; Gavin meanwhile has moved from annual giving to direct the Graduates' Society. But both in a sense have remained in the same field, because it is the loyalty of the alumni, expressed through the activities of the Graduates' Society, that will form an essential base for the success of the McGill Advancement Program.

I wish all the appointees well in their new endeavors – including Gary "at that other place." And McGill graduates can be assured that the society will continue to enjoy capable direction from Martlet House.

M. Carlyle Johnston,
President

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McGill's Applicant Follow-up Program is looking for volunteers. The Applicant Follow-up Program lends a personal touch to communication between the university and prospective out-of-town students. New volunteers are always welcome to join the many young alumni in Canada and the United States who have been contacting applicants each spring. If you have graduated within the last ten years or so, and want to find out how you can get involved, write to Alta Abramowitz, Director, Information & Liaison, Room 110, Burnside Hall, 805 Sherbrooke Street West, Montreal, Quebec H3A 2K6

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McGill News

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The official publication of the Graduates' Society, the *News* is sent without charge to all recent graduates and to all other graduates and friends who make annual contributions to McGill University.

The copyright of all contents of this magazine is registered. Please address all editorial communications and items for the "Where They Are and What They're Doing" column to:

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Please contact Advertising Director Peter O'Brien at 392-4806 for information about advertising in the *News*.

Cover: (left to right) National Campaign Chairman Frederick Burbidge, Chairman of the Board of Governors Hugh Hallward, Principal and Vice-Chancellor David Johnston, and Governor Emeritus Conrad Harrington have launched the McGill Advancement Program. So far their efforts have created a warm financial trend for the university, in spite of a cold and snowy Montreal winter.

Cover photo: Harold Rosenberg

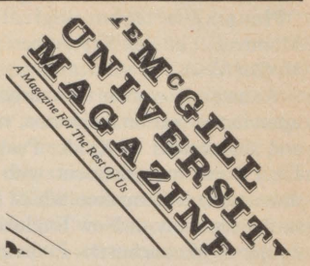
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Frum concept to controversy: McGill student publishing today
by Peter O'Brien

There are sixteen student journals currently being planned or published at McGill. They range from the sublime to the ridiculous.

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Martin Luther: A man for all reasons
by Peter O'Brien

In 1983, McGill helped celebrate the great reformer's 500th birthday with an October symposium that attracted scholars from across Canada and Europe.

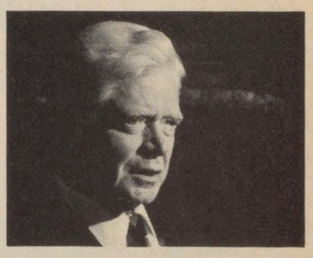
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The McGill Advancement Program: To serve the coming age

McGill recently embarked upon a capital campaign to raise $61 million – the largest campaign goal in Canadian university history.

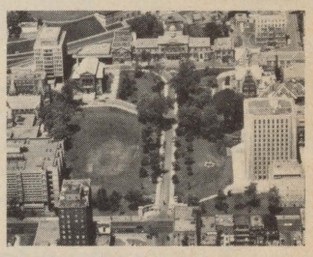
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McGill's faculties look to the future
by Charlotte Hussey

To conclude this four-part series, the deans of Graduate Studies and Research, Management, and Religious Studies discuss how they would improve their respective faculties.

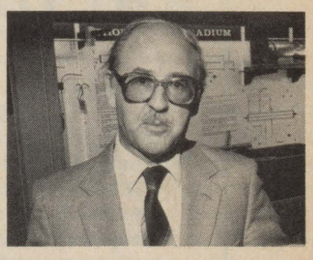
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Alpha, beta, and radium-C: Reopening the Rutherford Museum
by John Geeza

This past fall a campus museum that serves to document nine years of Nobel Prize-winning research was ceremoniously reopened by the Chancellor.

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LETTERS

Dear Professor Higgins,

I have read with interest your article "Planning a techno-logical future for Montreal" in the September issue of the *McGill News*.

As an ex-Bostonian (formerly a partner and upon incorporation a director, vice-president and shareholder of Kidder Peabody & Co., Inc.) I am in agreement with you on the dramatic transformation which has occurred in the economy of New England and in particular of Massachusetts in the past half century.

As the father of a daughter who graduated from Boston College, I am somewhat surprised that you failed to mention Boston College – and for that matter, Northeastern – in your list of Boston's great universities.

Originally a Montrealer, I received a B.A. and M.A. in Economics from McGill University having the honour of being Stephen Leacock's final graduate student.

Sincerely,
Arthur D. Styles, BA'34, MA'35

Thank you from Open House '83

Dear McGill News,

Thank you so much for your cooperation in publicizing Open House 1983 to the McGill graduates.

We were delighted with the write-up that appeared in the September issue of the *McGill News*.

Coverage such as you gave us helped a great deal in attracting a large crowd this year.

Thanks again.
Sincerely yours,
Cynthia Taylor, Staff Advisor

Maisie Cheung, Coordinator

Nomi Morris, Coordinator

Everything you always wanted to know...

Dear McGill News,

First, the good news. I enjoy reading the *McGill News*. It has news, the writing is good, the material is interesting.

And now, the other comment. On page 2 of the September issue, you were very kind in mentioning that I was "the first Canadian to deliver the Rutherford Lecture to the Royal Society in London, England." The fact is a little different. I was actually "the first to deliver the Canadian Rutherford Lecture to the Royal Society."

The Canadian Rutherford Lecture was established to recognize a second century of activity in the Canadian Royal Society beginning in 1982. There is already a Rutherford Lectureship and it has been functioning for many years. Both lectureships operate on the exchange system: the Canadian lecturing in England one year; the UK coming to Canada in the alternate year: the Canadian Rutherford Lectureship began in 1983 with a Canadian being the first lecturer.

These details are what you always wanted to know but were afraid to ask in case you got the whole darn explanation as given above. My sensitivity to the issue includes something else besides the facts; namely, many Canadians, more distinguished than I, preceded me in delivering the Rutherford Lecture to the Royal Society over the past many years. I felt it necessary, on that account, to set the records straight.

Yours sincerely,
Charles R. Scriver, MD, FRSC

Tying one on!

Dear McGill News,

This is probably a very unusual letter, but I'd like to know where I could buy a McGill crest tie. It looks pretty good on Gavin Ross – page 28 of the September issue of the *McGill News*!! Thought I might get one for my son who graduated last year, and put it in his Christmas box.

Thank you,
Mrs. Catherine Nadeau

Editor's note: *McGill crest ties, and other McGill souvenirs, can be purchased from the McGill University Bookstore. See advertisement below.*

McGill graduates can still shop at the University Bookstore

In cooperation with the Graduates' Society, the McGill University Bookstore is now offering, through mail-order, a large selection of souvenirs and gift items bearing the McGill crest.

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NEWSBREAK

A new chancellor, a writer-in-residence, and a galloping gourmet

A total of 1489 degrees and diplomas were awarded by McGill at the fall Convocation on November 1. Three honorary degrees were also conferred: a Doctor of Laws to **His Highness Prince Karim Aga Khan,** the spiritual leader of Ismaili Muslims and friend of McGill's Islamic Studies program, and to the **Hon. Hartland de Montarville Molson,** a senator since 1955, and at one time a governor of McGill. An honorary Doctor of Science degree was conferred on **Harold Segall,** MD'20, former chief of cardiology at the Jewish General Hospital, physician at the Montreal General Hospital, and member of McGill's medical faculty until 1960. **Robert Bell,** PhD'48, DSc'79, principal of McGill from 1970 to 1979 and now director of the Arts, Sciences and Technology Centre in Vancouver, B.C., was awarded an emeritus professorship.

McGill was well represented at the 7th annual Gourmet Food Festival held at Kinsale, County Cork, Ireland, on October 6, 1983. **Gavin Ross,** executive director of the Graduates' Society, has made the pilgrimage every year since the festival's inception seven years ago. Also present were **Gordon G. Fehr,** BEng'55, president of Montreal's Board of Trade, **Mrs. Fehr,** and **Mr. Edgar Benson,** Canada's Ambassador to Ireland, who opened the event. Noted Ross: ''As one gourmet meal succeeded another the endurance of the guests began to lag, but the high quality of the food served was kept up to the end.''

A. Jean de Grandpré, BCL'48, LLD'81, chairman of Bell Canada Enterprises Inc. and director of many major corporations, has recently been selected by the Board of Governors to replace **Conrad Harrington,** BA'33, BCL'36, as chancellor of McGill University effective in the spring of this year. De Grandpré served on the Board of Governors from 1968 to 1976 and has helped with university fund raising efforts.



A. Jean de Grandpré

On November 21, **His Excellency the Right-Honourable Edward Schreyer** dedicated the cornerstone of the Montreal Neurological Institute's new Webster Pavilion. The cornerstone, of black Belgian marble, once formed part of the memorial in Westminster Abbey to Thomas Willis, the 17th century British physician who has been called the Father of Neurology. The five-story Webster Pavilion, now under construction, will house a brain imaging centre comprised of three laboratories dedicated to positron emission tomography, nuclear magnetic resonance tomography, and computerized telemetering of the brain's electrical activity by electroencephalography.



Gavin Ross, Marilyn Fehr, Edgar Bensen, Gordon Fehr

John F. McCarthy

Over the past five years, Dean of Engineering **G.W. Farnell,** PhD'57, and **C.K. Jen,** have been working with the National Research Council's Industrial Materials Research Institute and the University of Sherbrooke to develop a new type of microscope that uses acoustic waves to study the microscopic features of matter. At present there are only two such instruments in Canada, one at McGill and one at the University of Sherbrooke. Still in the experimental stage, this new branch of microscopy may prove useful to such varied fields as biology, microelectronics, medicine, and chemistry.

Osami Nakao, a visiting student in the Arts Faculty at McGill, was one of the passengers on Korean Air Lines flight 007, which was shot down by a Soviet missile in late August 1983. Nakao, 24, was enrolled at the International Christian University in Tokyo, Japan, and was returning home after a year of studies in Canada.

Ken Norris, PhD'80, is McGill's first writer-in-residence. He has published a dozen volumes of his own poetry and anthologies and has books forthcoming from several Canadian publishing houses. He is helping students with their creative writing and is working on a novel of his own.



Dr. Ken Norris

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Bob Morrison

Sydney Pierce, BA'22, BCL'25, LLD'56, recently donated 211 books on mushrooms to the Macdonald College Library, which now has the best Canadian collection on mycology (mushrooms and other fungi) outside the national capital. Pierce produced the first **Red and White Review,** was a member of the Canadian Olympic Team in Paris, 1924, and has been Canadian Ambassador to Mexico, Brazil, Belgium, and Luxembourg and the European Communities. In a ''thank you'' speech Pierce expressed his gratitude to the library for accepting ''a couple of hundred mushroom books that were threatened with eviction and had nowhere to lay their weary spores.'' He also mentioned his early days as a book collector: ''I bought my first mushroom book forty years ago and brought it into the house. My wife accepted it without comment. When I brought my third mushroom book into the house, my wife said, 'Do you really need three mushroom books?' After that I sneaked them into the house in brown paper bags. If my wife saw me, she'd say to me 'That's not another mushroom book, is it?' and I'd say 'No. It's just a copy of *Playboy*.' '' □

WHAT THE MARTLET HEARS

McGill honours retiring Chancellor, Conrad Harrington



Chancellor Conrad Harrington (left) receives his very own "big M" sweater from Lorne Gales.

Conrad F. Harrington, BA'33, BCL'36, recently retired as chancellor of McGill University after eight years of distinguished service. His retirement was marked by an official reception at Redpath Hall on November 24. In attendance were a number of his business and academic friends, including President of the McGill Board of Governors, Hugh Hallward, BA'51, and Principal David Johnston.

Harrington spoke of his long association with the university. He began with his remembrances as a child of a large "M" McGill sweater and of the McGill football games his father took him to as soon as "Con" (as he is known to many) could walk. His father, Conrad Dawson Harrington, a championship football player, graduated from McGill in Engineering. His grandfather, Dr. Bernard Harrington, was a professor at the university, while his great-grandfather, Sir William Dawson, was principal of McGill for forty years, until 1891.

Harrington, himself, has been active in the McGill community in various capacities: as Alma Mater Fund class agent, as president of the Graduates' Society, as a McGill governor, and as chairman of the McGill Development Program. He has also served as chairman of the board of the Royal Trust Company and of Glaxo Canada Ltd., and as director of seven other companies. Most recently, he has been honoured by the Washington, D.C.-based Council for the Advancement and Support of Education with their Distinguished Friend of Education Award.

After his farewell speech, he was presented with several McGill honours. Lorne Gales, BA'32, BCL'35, LLD'79 on behalf of the Athletics Board, presented Harrington with his very own "big M" sweater. Mrs. Joan Harrington, after playing tug-of-war with certain ropes and pulleys, unveiled a portrait of her husband. Painted by Toronto artist, John Angel, it has been hung in Redpath Hall along with those of other McGill eminences.

On behalf of The Friends of McGill University Inc., University Treasurer Stuart Budden announced the establishment of the Conrad F. Harrington Student Loan Fund that will aid American students at McGill. And the Principal added that the Joan and Conrad Harrington Endowment Fund for Students had been created from funds donated by many in attendance at the reception. He also assured the audience that Harrington would continue on at McGill as a governor emeritus. *Peter O'Brien* □

Photos by Rick Kerrigan


Mrs. Joan Harrington (left) with the assistance of Associate Registrar Margery Paterson successfully unveils the Chancellor's portrait in Redpath Hall.

McGill-Addis Ababa medical exchange

As recently as a decade ago, there were only forty doctors in Ethiopia. Today, as a result of a government drive to step up medical training, there are over five hundred. But that still constitutes an acute shortage: the African nation has a population of thirty-four million, and malnutrition and infectious disease are rampant.

According to Dr. Belai Damtew, an Ethiopian who is currently enrolled as a post-graduate medical student at McGill, "There are few adequate medical staff in Ethiopia to do undergraduate training, let alone post-graduate training. There are only a few internists in the teaching hospital in the capital, Addis Ababa, to take care of about 125 medical students and 10 post-graduates."

To help alleviate the problem, Chairman of Medicine at the University of Addis Ababa Edemariam Tsega, MD'65, proposed an exchange program with his alma mater. McGill willingly accepted, and the Canadian International Development Agency added to the funds provided by the co-sponsors. While Damtew pursues his studies at McGill, two McGill physicians, Richard Lalonde, BA'69, MD'78, and Dr. Peter Somerville, are teaching at the University of Addis Ababa.

It is not the first time, of course, that McGill has been involved in medical education in Africa. Between 1968 and 1978, for example, McGill sent faculty members to the medical school at the University of Nairobi in Kenya. As the co-ordinator of the new exchange program, Dr. J. D. McLean explains: "McGill was looking for new ways to become involved because of its ongoing commitment to medicine in underdeveloped countries. Ethiopia has had relations with Canada in the past. After World War II there were many Catholic missionaries from Quebec in secondary school education there, and several Ethiopians had studied at McGill. So it became logical to start a program that would be a continuation of the Kenyan idea. Eventually, McGill will decrease its involvement, as the post-graduate medical students go back and take over the teaching that McGill is helping with at the moment."

Certainly Damtew is enthusiastic about the benefits of his residency at the Montreal General Hospital: "The training is rigorous. You learn good, basic approaches to disease." As for the McGill physicians in Ethiopia, there's little doubt that they'll gain much from the experience as well. "They'll learn more about tropical diseases," McLean points out, "and they'll have a broader view of medicine, both administratively and clinically." *Louise Abbott* □

Hog-wild about clean water

Pollution, pollution
They've got smog and sewage and mud,
Turn on your tap and get hot and cold running crud.
See the halibuts and sturgeons
Being wiped out by detergones.
Fish gotta swim and birds gotta fly,
But they don't last long if they try.

Tom Lehrer (Pollution)

Academics have perennially been concerned with the problem of pollution. In the 1960s, Harvard math professor Tom Lehrer satirized the situation in song. In the 1980s, Macdonald College Professor of Agricultural Engineering Pierre Jutras, BSc(Agr)'51, has solved it with science. He and his colleagues have combined three known filtration methods into a new system that could help to eradicate Quebec's primary river pollutant – pig manure.

Jutras's three-step mechanical process, which uses no chemicals, separates water from solid pig wastes. It thereby renders the water potable and reduces the volume of the refuse by up to 90 percent. "The key was the development of a new type of membrane from the States, allowing us to remove everything except traces of total nitrogen from the water," Jutras explains. "All the equipment was available and is being used in other processes. For example, its last step is a principle that's also used in making maple syrup."

Currently seeking to patent the use of this filtration process, Jutras is reluctant to describe it more fully, because it is being commercially developed by a Laval, Quebec, water firm. He will say that his purification system would cost less than the estimated $150,000 for its prototype. And it will be financially appealing to the individual farmer. "It would reduce the storage costs of waste for the farmer, since he's not allowed to spread manure when the ground is frozen," explains Jutras. "The solids left could be used as fertilizer, dried for compost, or mixed fifty-fifty with fresh feed, because the waste is 16 percent protein."



Professor Pierre Jutras, who invented a process for purifying water polluted by pig manure, takes a swig of the end product.

Michael Dugas

Jutras's priority, however, is to eliminate pollution, or at least reverse the trend that, in the last ten years, has rendered the Achigan, Yamaska and Chaudiere Rivers undrinkable. The water produced by Jutras's process is odorless, tasteless, and cleaner than ordinary tap water. And it can be used instead of the often unsuitable well-water many pigs are forced to drink. "Vets have made water quality surveys," says Jutras, "and the high mineral content they have found in well-water can cause stress in pigs."

Quebec is Canada's largest pork-producing province, with 6,500 farmers raising 3.4 million pigs that make 34 million litres of waste daily. During the long northern winter, Quebec farmers have been forced to store manure for as long as up to half a year. And when the ground does begin to thaw, much of this waste seeps out of storage bins and into nearby rivers.

Along with his water purification method, Jutras has also invented an earthen structure, "a hole in the ground above the natural water table" where solids could be stored inoffensively. This storage device would have an advantage over the concrete structures currently in use that are easily cracked by frost and the expansion and contraction of the earth. The specifications that Jutras is drawing up for the Minister of the Environment show that manure would seal up any seepage holes in this earthen device.

Jutras's water purification process and his manure storage unit are further steps in a career that has spanned both the business and academic worlds. After graduating in Agriculture from McGill in 1951, he worked for the Carnation Company and then returned to school to receive a master's degree at the University of Maine in 1957. He then conducted research into the mechanization of Floridian citrus crops. Returning to Canada in 1964, he studied at Laval University and Macdonald College. He left academia again in 1970 to go into a business that would develop the use of flexible plastic for soil drainage.

Asked to come back to Macdonald in 1977 to teach and do research, he accepted. "I wanted to get away from management for a while," says Jutras, whose penchant for administration has just recently been put to good use again. In December 1983, he took a leave of absence to establish an agricultural engineering department at the Institute National du Developpement in Thies, Senegal. He is there to encourage the teaching of technologies appropriate to developing countries, such as the use of solar energy for heating water and cooking. Jutras's goal is to set up the department, recruit Senegalese staff members, and then leave. And since his water purification program is being monitored by specialists during his absence, one hopes that by the time he does return, both fish and men will be able to swim safely in the pollutant-free rivers of Quebec. *Donna Flint* □

Scrabble, that sensual obsession

To most of those who play it, Scrabble is a pleasant and challenging word game, but to Joel Wapnick, a thirty-seven-year-old associate professor of music at McGill, it amounts to an obsession.

For Wapnick, Scrabble's appeal is sensual and aesthetic, as well as intellectual. "It's a beautiful game," he says with enthusiasm. "The board is beautiful, the colours... the tiles feel nice; they are lovely. The patterns you make with the words on the board are pretty; aesthetically, it's a pleasing game. In addition, there is the possibility of making plays that show lots of creativity, not just plays that score lots of points, but also those which are not so easy to see, but are clever."

On August 25, 1983, Wapnick proved he was clever enough to be the first Canadian to capture the North American Scrabble Players Championship. The tournament, which is sponsored by Selchow and Richter, who manufacture the game, is the largest of its kind in North America. It is held once every two years and the participants are the winners of numerous local and regional tourneys who meet in a Chicago hotel for a three-day playoff to decide the overall winner. This year's playoff was unusually tense, according to Jim Houle, the tournament director. "Down to the last minutes of play, it was uncertain who would emerge the champion. During the last game of the grueling three-day series, the four top players were fighting it out in a tense round robin. Two were American, two were Canadian." (Of the thirty-two finalists, five were Canadian; they placed first, fourth, sixth, tenth and eighteenth.)

Wapnick won thirteen of the seventeen games he played, thereby amassing a winning margin of 705 points, about two hundred more than his closest rival. His prize was $5,000 in cash, a bronze trophy and a "Monty" computerized Scrabble console. He competes in four or five Scrabble tournaments a year, for which he prepares by memorizing words from the dictionary. For the Chicago tournament, he estimates that he spent nearly six months getting ready and about 180 hours memorizing words. He believes he has accumulated a mental vocabulary of eleven thousand words.

Interviewed in his office at McGill's Strathcona Music Building, Wapnick admitted to taking a rest from his preoccupation with Scrabble. He had not been studying it for a month and claimed to be tired of the game. But this hiatus would be of short duration, since there was another tournament coming up, and he expected to be "hitting the books again" a few weeks before it started. That one would be his twenty-ninth tournament. "I love to compete," he says. "I love playing against good players."

Wapnick holds a master's degree from the State University of New York and an MFA from Sarah Lawrence College. He came to Montreal five years ago to teach music at McGill and is now a landed immigrant. Although playing Scrabble from an early age, he traces his current involvement with the game back to 1975, when he was living in Binghamton, N.Y. A fellow pianist made him aware of an organization called Scrabble Players. He wrote away for information and attended his first tournament several months later. "I got hooked, basically," he explains.

The appeal of playing in a tournament is social as well as competitive. "I know everybody that I'm going to be playing, and it's nice to see old friends again." Indeed, he and Steven Fisher, the Montrealer who finished fourth in the tournament, play together all the time.

Despite his evident expertise with words, Wapnick claims that he has never been good at learning languages. He has not learned French, and he thinks that his Scrabble playing is actually a hindrance as far as learning French is concerned. "French is very confusing for me. There are a lot of French words in the official *Scrabble Players Dictionary*. Then, there are a lot of French words that are not in the dictionary, and it can get very complicated. If you play a word that is good French, but not good English, then you are in trouble. 'Rouleau' is in the dictionary; 'rousseau' is in the dictionary; 'femme' is in the dictionary, but 'homme' is not. You have to know that 'homme' is not permitted."

It is the necessity of knowing such things that accounts for the prodigious amount of memorizing Wapnick engages in as preparation for a tournament. And it is in the area of memorization that he sees the only link between Scrabble and music. "Both require heavy memory work," he says.

In two years time, he will have to defend his title, but in the meantime, he intends to relax with once-a-week recreational games.

Goldie Morgentaler □



John Geeza

McGill Professor of Music and recently-crowned Scrabble Champion Joel Wapnick says he relies heavily on his memory for both music and Scrabble.

Food for thought: The Nutrition Centre

If the McGill Nutrition and Food Science Centre has one overall mandate, it is to prove that nutrition is a wider field than commonly acknowledged. Dr. Erroll Marliss, senior physician of endocrinology at the Royal Victoria Hospital and director of the new centre, defines many health professionals as nutritionists: "Conventionally, a nutritionist was considered someone who had training in food science or nutrition as it related to animal nutrition. To my way of thinking, a nutritionist is anyone who has a background in dietetics, medicine, or any of the sciences, including behavioral science. My definition is a broad one, and this is going to be the philosophy of the Nutrition Centre."

Marliss hopes to translate this breadth of vision into a nutrition centre that will be responsive to the needs of the medical profession and the public. The centre will depend on collaborative research, using the resources of

both McGill and Macdonald College. Initial studies will focus on obesity, diabetes, and hospital malnutrition, and Marliss hopes to attract people from a wide range of fields, such as agricultural engineering, dentistry, and education.

It is an ambitious program, geared primarily to education and research. A whole wing of the Hersey Pavilion has been given to the recently-opened laboratories, where scientists will research the entire field of nutrition, ranging from molecular and cellular biochemistry and diseases such as obesity, to the role of nutrition in obstetrics and surgery.

Marliss is particularly excited about collaboration between the Faculty of Medicine and the Faculty of Agriculture. By way of example, he cites a direct corollary between loss of body protein in humans on a particular diet and in lambs eating a certain kind of grass – a link he says he would never have discovered had he not come to McGill. "There is a huge body of knowledge that is potentially applicable both ways." he says. "We have the capacity to come in and do the research based on classic metabolic medicine, converging with animal nutrition."

The second objective is nutritional education, a comprehensive field embracing all levels of training. At its most basic, nutrition has always been taught at medical school, but generally within the context of another subject, such as biochemistry. In the revamped curriculum it will probably stand on its own. "We're going to highlight clinical nutrition by having its basic principles taught to medical students. A proper understanding of the subject presupposes that you know a certain amount about biochemistry, physiology and something about disease processes, so the best place to put it is at the end of the basic courses that medical students have to take."

It will also be emphasized at more advanced levels. Marliss hopes to introduce it into medical rounds, so that "interns and residents are thinking nutritionally." He has already done so at the continuing education level for practising physicians. And masters and PhD programs will be available to dieticians who wish to do post-graduate clinical work.

Physicians and dieticians can complement each other, Dr. Marliss explains: "It is certainly not our intention to make the physicians graduating from McGill into dieticians, but to enable them to know what nutritional principles are and at what point to call up another expert for help. We want to sensitize the profession, before they get their medical degrees, to the thought that nutrition is critical in all the disciplines and that there are experts they can relate to."

In fact, the relationship is symbiotic, particularly where complex cases are involved. "To put a diabetic in renal failure on a diet you really need a lot of help: someone interested in diabetes, an expert in kidney disease and a dietician, all working together to make sure the patient is eating properly. So you have three areas of expertise: the sensitized physician, the dietician and the doctor who is an expert in a specific area of nutrition."

To further fine-tune hospital nutrition, the centre will set up a special clinic for in- and out-patients; obesity will be its initial concern. Given its importance as a factor in diseases like hypertension, diabetes, coronary, gall bladder and gout, Marliss feels obesity is the western world's most important nutritional problem. He dismisses people who criticize weight control as a purely cosmetic problem. But having said that, he indicates that those who wish to lose weight for cosmetic reasons will be served and, if possible, studied.

Marliss hopes that the service will become a resource centre for the public, clearing up the misconceptions and distortions that often surround nutrition. He will be joined by Jerzy Radziuk, MD'78, recently recruited from Ontario as associate director (research), and by Dr. Sherman Touchburn, professor in animal nutrition, as associate director, Macdonald Campus. It is hoped that the two campuses, traditionally separated by more than geographical distance, will be drawn closer through the auspices of the Nutrition Centre.
Phoebe Munro □

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Frum concept to controversy: McGill student publishing today

by Peter O'Brien

This is the second part of a two-part series on McGill student magazines. In the September issue of the McGill News, *Peter O'Brien discussed "little" magazines up to and including the* Forge, *which ceased publication in the late 1960s. In this issue, he discusses contemporary magazine activity, including the controversial* McGill Magazine, *edited by Linda Frum, daughter of TV journalist Barbara Frum.*

At a time when funding for universities seems to be in a dismal state, McGill students are more active than ever producing a variety of publications. At last count, there were sixteen magazines being published or planned on the campus – from the internationally-recognized *McGill Law Journal,* which has appeared regularly since 1952, to *Hejira,* a newly-launched women's journal produced by a group of undergraduates. The size, price, and distribution of these magazines also vary. The most recent issue of *The Fifth Column,* the architecture students' nationally-distributed publication, offers its readership some one hundred, magazine-sized pages, all for $8.00. In contrast, the *Social Science Forum* is a twelve-page monthly bulletin distributed free and intended primarily for the McGill community. A number of different faculties and departments produce journals, including Management, Medicine, Law, Education, Linguistics, history, English, and political science. Even Engineering is represented by its venerable publication, the *Plumber's Pot.*

Peter F. Hoffmann, vice president (finance), of the Arts and Science Undergraduate Society (ASUS), is optimistic about the recent flurry of activity: "It's very exciting to see such enthusiasm by students wanting to produce and publish journals. I'm not sure how to explain this, but it's certainly indicative of an intelligent and motivated student body. It's good for the students and for the university." The ASUS is responsible for funding most of the student magazines produced in the Faculties of Arts and Science, and contributes about $25,000 annually to this end. Other sources of funding are also actively being sought. *The Fifth Column* has an extensive list of benefactors, supporting institutions, sponsors and patrons, and *Scrivener,* a magazine of poetry and fiction, recently received a Canada Council grant. Advertising space is sold to offset the costs of producing such publications as *The Observer,* the official publication of the ASUS, *The Register,* a product of the history department, *Rubicon,* a journal of creative work, visual art, and interviews, and *Éducation McGill Education.* Although funding these publications is a concern, it is never an insurmountable problem. No McGill student editor gets paid, and if money is desperately needed, a number of impromptu sources can be called upon, including sums otherwise put aside for rent or telephone bills. Outstanding debts owed to various typesetters or printers throughout the city are not uncommon.

Love of controversy is much more important that a solvent bank account and the clash of opposing editorial ideologies keeps many student publications bristling with fervour. The *McGill Daily,* left of centre in its most conservative years, seems more ready today than ever to make friends with any organization that challenges the status quo. Any group supportive of the IRA or revolution in Central America or homosexuality or subjugation of the ruling class is sure to win the *Daily*'s editorial support. But a more recent publication, the *McGill Magazine,* has questioned the *Daily*'s liberalism. The *Magazine* is edited by Linda Frum, daughter of the CBC journalist, Barbara Frum.

Her first issue, entitled the *McGill University Magazine* (or *MUM,* as it was referred to), caused considerable controversy. The university objected to the use of the words "McGill University," fearing that the magazine would be mistaken for an official publication. The university's secretary-general, David Bourke, BArch'54, had warned Frum not to go with this title, but she decided to "publish and be damned," in the words of a Montreal *Gazette* cover story.

In its opening editorial *MUM* made not-so-subtle references to what it believed the *Daily* stands for:

> Take a deep breath. You are holding in your hands a student magazine that does not believe in radical social change. Is also does not believe in socialism, pacifism, vegetarianism, nudism, collectivism, anti-Americanism, or anti-intellectualism. Are you still there?
>
> McGill needs a student magazine that does not kow-tow to the orthodoxies of the day. The slogans of the El Salvador and South Africa Committees, of Gay McGill, of the Women's Union, and of the Palestinian Students' Organization do not, in fact, represent student opinion. It is past time for intellectual diversity on this campus. The *McGill University Magazine* is a whoop of non-conformity. We invite the non-conformists of McGill to join us.



After this, the *Daily* received numerous letters both in support of and against *MUM*. And even now, after her publication was forced to delete the word "University" from its title, Frum still upholds her mandate that is, among other things, against state funding for universities and for a somewhat nostalgic return to the tradition-bound days of "good-old McGill." When Volume 1, Number 2 recently appeared, its editorial contained the following understatement: "Not everybody loves the *McGill Magazine*."

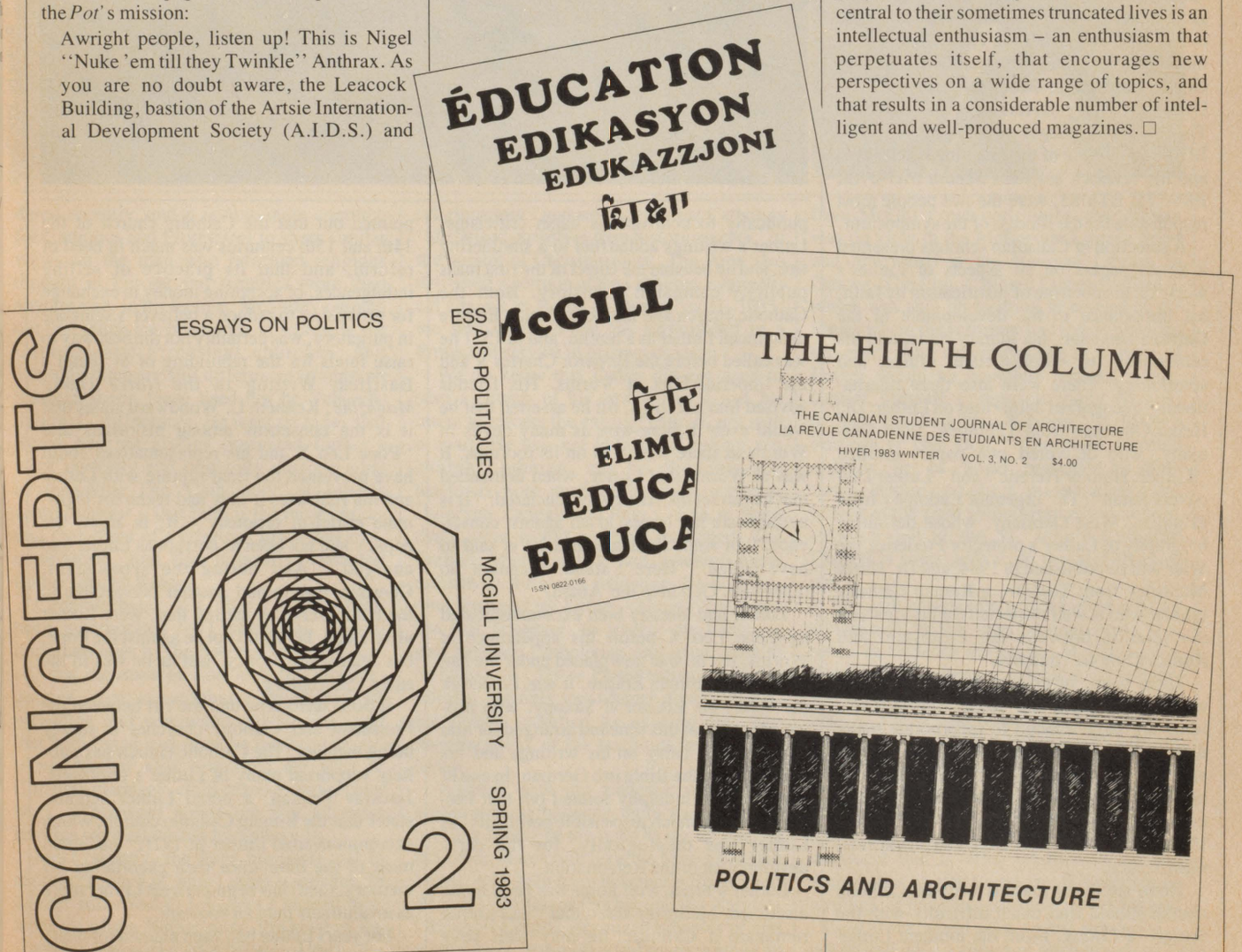
One "publication" that exists more for the sake of controversy than anything else is the *Plumber's Pot*. It has always enjoyed taking jabs at the "artsie" students and wallowing in the slough of sexually-explicit (sometimes funny) jokes. The swearing, beer drinking and arts bashing that appear in the *Pot* have long endeared it to that select group of inhabitants frequenting the Macdonald Engineering Building. Volume 81, Number 3 (where the numbers came from is anybody's guess) of the *Pot* shows on its cover a picture of the Leacock Building floating several hundred feet above the ground on top of a mushroom cloud. Below the photo are the words "Nuke the Leacock Building" and in an editorial on page three is an explanation of the *Pot*'s mission:

> Awright people, listen up! This is Nigel "Nuke 'em till they Twinkle" Anthrax. As you are no doubt aware, the Leacock Building, bastion of the Artsie International Development Society (A.I.D.S.) and dwelling place of many questionable, somewhat Cheesey entities, has recently been destroyed. Well, okay, maybe you haven't noticed. Doesn't matter anyway. The point is, the obliteration of that building and all pseuco-lifeforms in it is the direct responsibility of the P.P.O. Bange Gange. We have forcibly taken over control of the new particle accelerator equipment in the Rutherford Physics Building, and we are now holding the entire campus hostage. The Leacock explosion was merely a subtle demonstration of our power. Give in to our demands or we will be forced to obliterate something that will actually make a difference in the world.

Although student bickering at times appears to dominate many of the magazines, they do have other objectives. They provide students with the opportunity to develop the first, sometimes faulty explorations of serious research. Students not ready for a wide critical audience can still see their names in print and can propagate their views. Most of the magazines publish essays or working papers by undergraduates and graduate students. *Concepts* publishes papers on politics, and in a recent issue had articles on the Middle-East, Soviet foreign policy, and the Parti Québécois. The *McGill Journal of Political Economy* and the *McGill Journal of Labour Management Relations* also publish much student work.

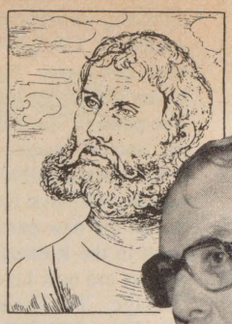
Audience is, of course, always a concern, and in the first fledgling days of many magazines the editors depend upon family and/or an immediate circle of friends who can be coerced into reading the finished product and sometimes even to take out a subscription. Established journals like the *Medical Journal* have a stable readership, but new publications such as *Working Papers in Linguistics* are always on the lookout for unsuspecting relatives or friends to support the considerable effort that goes into the production of a student magazine.

There is a flurry of student publishing activity on the campus. Perhaps one of the reasons for this is that the economic situation is not encouraging, and students must fight harder to make themselves be heard and their efforts be seen. Over the years there have been many McGill student magazines that have flourished for a year or two. Then for any number of reasons, including editors who graduate, financial instability, or just flagging interest, the magazines have died. But central to their sometimes truncated lives is an intellectual enthusiasm – an enthusiasm that perpetuates itself, that encourages new perspectives on a wide range of topics, and that results in a considerable number of intelligent and well-produced magazines. □



Martin Luther: A man for all reasons

by Peter O'Brien





Photos by John Geeza

Rebel, reformer, and biblical scholar, Martin Luther remains to this day a controversial Christian figure. Born on November 10, 1483, he continues to be at the centre of religious reform and innovation. There were celebrations around the world in 1983 to mark his 500th birthday – throughout North America, in his home town of Eiselben (now in East Germany), and even in Rome, where Catholics as well as Protestants are reconsidering his multifarious influence.

McGill helped celebrate Luther's birthday by sponsoring a symposium entitled "The Enduring Legacy of Martin Luther." It was held in early October and incorporated the annual Birks lectures. The Faculty of Religious Studies was the primary sponsor of the event, with help from the Faculty of Music, the Renaissance and Reformation Group, the Goethe Institute of Montreal, and the local Diocesan, Presbyterian, and United Theological Colleges. Prof. E.J. Furcha, BD'63, chairman of the planning committee, and his research assistant Sandra McNevin, BSW'75, BTh'83, were the two people most responsible for the success of the symposium.

A selection of Canadian scholars presented a dozen papers on all aspects of Luther's work: on his doctrine of justification by faith, his importance to the development of the German language, his literary roots, and his relationship to scholasticism, ethics, and soteriology. There were also three internationally-recognized authorities on Luther: Dr. Heiko Oberman from Tübingen, West Germany, who delivered two papers entitled "Luther: Hero or Heretic" and "Luther Discovers Satan"; Dr. Ingetraut Ludolphy from Erlangen, West Germany, whose definitive biography of Luther's protector Frederick the Wise will be published in 1984; and Dr. Harry McSorley from Toronto, a Roman Catholic scholar who is well respected for his views on the relation between the Protestant and Roman Catholic churches.

There were, of course, healthy disagreements throughout the week, for Luther's ideas are large enough to incorporate many differing conclusions. What was tacitly agreed upon during the symposium was that his ideas are as important now as they have ever been. And this year, for the Roman Catholic church, Luther has taken on a special significance.

There are many reasons why the Catholic church should find much difficulty with the subject of Luther. From the moment Luther posted his 95 theses on the church door in Wittenberg, the Catholic church was forced publically to confront his harsh criticisms. Luther's writings added fuel to a smoldering fire, and he became the object of the first mass publicity campaign in history. Both the Catholic church and the Holy Roman Empire denounced Luther as a heretic, and in 1521 he was called before the Emperor Charles V and the Imperial Diet at Worms. His friends advised him not to go, but he asserted that he would even if there were as many devils in Worms as there were tiles on its rooftops. It was at Worms that Luther, when demanded that he retract his erring ways declared: "It is neither safe nor honest to act against conscience." In some later accounts he is said to have added: "Here I stand. I cannot do otherwise. God help me. Amen."

Luther had already been excommunicated by Pope Leo X before his appearance at Worms, but he was now placed under the ban of the Holy Roman Empire. It was Frederick the Wise, the Elector of Saxony, who protected Luther at this time and arranged for him to be able to carry on his writings and his translation of the Bible into German. In one of her lectures, Ludolphy pointed out that Frederick was as much responsible politically, as Luther was theologically, for the early development of the Reformation.

Luther's break with Rome has been much discussed. McSorley stated that "had Luther remained a Catholic, he may well have become the most important saint since St. Francis of Assisi." Many historians have pointed out that the Catholic church of the 14th and 15th centuries was much in need of reform, and that its practice of selling indulgences, of accepting money in exchange for promising to reduce a believer's sentence in purgatory, was certainly not the best way to raise funds for the rebuilding of St. Peter's Basilica. Writing in the *Notre Dame Magazine*, Kenneth L. Woodward states that it is the consensus among historians that "Pope Leo X and his representatives could have prevented the final rupture with Luther and his followers if they had taken his legitimate criticism seriously – if, in short, the papacy had not been as corrupt as Luther had charged." And during the symposium, Oberman was to add another perspective to the controversy by stating that, were Luther alive today, he would not be against the Pope, but against the papacy, just as he was in the early 15th century.

It does seem now that the rift between the Protestant and Catholic churches is slowly being mended. The Catholic church has publicly supported many of Luther's criticisms. Jaroslav Pelikan, a noted Luther scholar, states that the Roman Catholic church, which excommunicated Luther in 1521, "has spent most of the time since then excoriating his memory, (and) has begun to treat Luther more as an alumnus than an apostate."

For years Luther had been blamed for many of the problems that afflicted Catholicism. This perspective has been largely reconsi-

Drawings: (left) This woodcut of Martin Luther was made by Lucas Cranach the Elder in 1522. (right) This frontispiece appeared on the German New Testament, the last issue personally revised by Luther. *Photos:* (left to right) Doctors Heiko Oberman, Harry McSorley, and Ingetraut Ludolphy participated in McGill's Luther Symposium: "There was healthy disagreement throughout the week."







dered recently, and it is now quite common for Catholics and Protestants to share similar views on the man who reformed religious thought in Europe and America more than anyone else. In his lecture, McSorley pointed out that much has been done to reconcile the Catholic and Protestant churches, and although there are still differences of opinion between them, these need not be "church-dividing" differences. He went on to say that Rome has not always presented Luther's work correctly and originally mistook what he was saying. The "Catholicity" of Luther's central protest – that faith is the most important ingredient of a religious life – was misunderstood, and this naturally hardened Luther against Rome.

Certainly many of Luther's reforms have been incorporated by Catholicism, several important ones by the Second Vatican Council: that the mass be said in vernacular languages, that an emphasis be placed on preaching and congregational singing, and that both bread and wine be used in the services. Luther also promoted the idea of Christian marriage, child-rearing, and secular work. Woodward points out that all these reforms were embraced by Vatican II.

Most recently, the Pope has come out in support of much of what Luther stands for. In a letter addressed to Johannes Cardinal Willebrands of the Netherlands, the head of the Catholic Secretariat of Christian Unity, the Pope called Luther a man of "profound religiousness" and said it was time Catholics "distanced ourselves from historic events" in the pursuit of Christian unity. The Pope also delivered a sermon at the Lutheran Evangelical Church in Rome on December 11, 1983, the first time a Pope has participated in a Protestant service in his own diocese.

We do know that Luther did not want to start a church of his own – that it was his intent to reform the existing church, not split it apart. He was not in favor of calling any church Lutheran, and his thoughts and teachings were modified by such people as Huldrych Zwingli and John Calvin in ways that Luther would not have condoned. The Catholic church did, in fact, undergo many reforms in the years following the divisiveness spawned by Luther, changes that came too late, however, to reverse the widening gulf between Catholicism and what came to be known in 1529 as Protestantism. Luther's reforms not only encouraged a new church, but greatly modified the existing one. The reverberations of his teachings are still felt today.

Together with the academic papers presented at the symposium, there was much else over the course of the week to stir up interest in Luther. Rare book librarian Mrs. Elizabeth Lewis, with help from Rosemarie Bergmann, BLS '63, Professor Furcha, and the National Library of Canada, organized a display of rare manuscripts, pamphlets and maps relating to the life and times of Luther. Drawn largely from McGill's own collections, this display was on view in the McLennan Library foyer and afterwards at the National Library in Ottawa. The film, "Where Luther Walked," which was shot on location in several of the towns where the reformer had lived, was also screened. And no celebration in honour of Luther would be complete without music. Luther himself composed many hymns, perhaps the best known being "A Mighty Fortress is Our God." The West German organist, Dr. H. Vogel, presented an illustrated lecture, taught a master class, and played at the final symposium event, a worship service at the St. John's Lutheran Church, a short walk from the McGill campus.

The enthusiasm with which Luther is being considered in the international press was much in evidence during the McGill Luther Symposium, where a selection of universities, religions, and McGill faculties pay tribute to a man who remains at the centre of ongoing religious controversy and reform. And the essential optimism that surrounds Luther's teachings as it was presented at McGill embraces a multitude of differing beliefs. In a lecture, Oberman referred to a statement that is often credited to Luther. Although it is not found in his voluminous writings, it nevertheless sums up his legacy: "Even if the world were to end tomorrow, I would still go out and plant my tree today." □

The McGill Advancement Program: To serve the coming age

When Sir William Dawson became principal of McGill, he found partially-completed buildings, an overgrown campus, a small student enrolment, and empty coffers. The Nova Scotian educator, however, was determined to keep the struggling university alive. Shortly before the Christmas of 1855 he set out for Toronto to solicit government support. He crossed the icy waters of the St. Lawrence by canoe, then traveled overland for five days before reaching his destination.

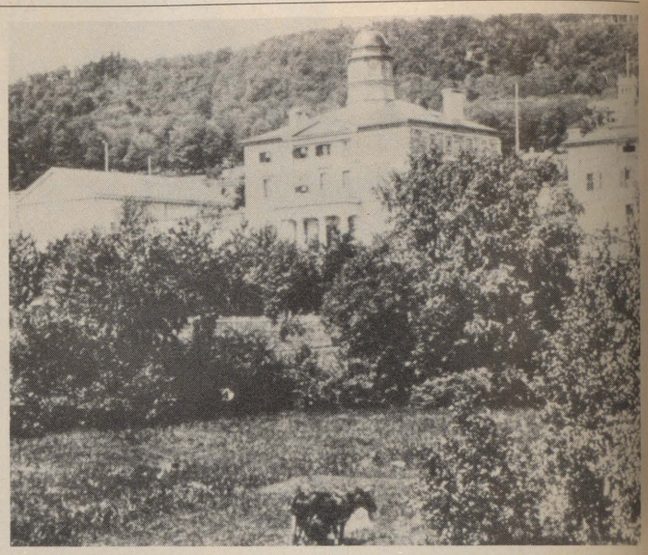
One hundred and twenty-nine years later, McGill has grown and diversified into an institution of international stature. In addition to its main campus and associated teaching hospitals in Montreal, it has Macdonald College in the suburb of Ste. Anne de Bellevue, which houses the Faculty of Agriculture and the School of Food Science. It also runs far-flung research facilities, such as the Subarctic Research Station in Schefferville, Quebec, and the Bellairs Research Institute in Barbados – the only Canadian research and teaching laboratory in the tropics.

Through its faculties, schools, and institutes, McGill provides teaching leadership in dozens of disciplines and continues to implement new programs of study to meet society's changing needs. The university also has kept abreast in research. It draws more than 8 percent of Canada's graduate students and more than 7 percent of public research monies. In addition, it undertakes many research projects commissioned by industry.

Photos by Rick Kerrigan



Hugh Hallward: "Our objective is to do better those things we already do well."



McGill in the 1850s: It was not unusual to see cows grazing on lower campus when Sir William Dawson served as principal of McGill.

McGill has continued to attract first-rate faculty and students. In fact, despite a predicted decline in numbers of students, the university has seen a steady increase. The total daytime enrolment is over 19,000. Although the majority of students are from Quebec, 10 percent come from the rest of Canada, 5 percent from the United States, and 7 percent from 120 other countries around the globe.

While there are more programs and more students at McGill than ever before, there is less money available to support them. The university receives 80 percent of its general operating funds through the federal and provincial treasuries. In recent years, this funding has failed to keep pace with spiraling inflation. Both academic and non-academic staff on campus have become adept at accomplishing "more with less." Government underfunding and increased costs aggravated by earlier inflation are a major concern to North American universities. If McGill is to maintain the tradition of excellence on which it prides itself, it must rely on the private sector for generous support.

That is the reason why the university has embarked on a capital campaign known as the McGill Advancement Program. In September 1983, the Board of Governors of the University officially announced the decision to raise $61 million – the largest campaign goal in Canadian university history. Its Chairman, Hugh G. Hallward, BA'51, explains that "plans for the McGill Advancement Program have been underway for two years."

First, the Board of Governors established a special committee under the leadership of Principal David Johnston. That committee, in turn, conducted a poll of attitudes both inside and outside the university towards higher education in general and McGill in particular, as well as a preliminary assessment of the potential for public and private support. Based on the encouraging survey results, the Board of Governors initiated



Principal David Johnston: "This is not a wish list."

preparations for a campaign. A core campaign office was established under the direction of John Heney, BCom'49, to coordinate fund-raising and development activities. Meetings were held with potential donors, corporations, small and medium businesses, foundations, alumni, the campus community, and other friends of McGill to pinpoint the key gifts that would later form the cornerstone of the McGill Advancement Program.

To ensure the most efficacious expenditure of the money raised, all the deans of the university were asked to examine their faculty's particular needs and to draw up a list of priorities. The proposed projects fell into seven broad areas: research and development; staff; fellowships; the library system; buildings; and equipment. As Johnston pointed out in the 1981-82 Annual Report, "Building modernization and renovation, along with provision for additional teaching staff, led the deans' priority list in most cases. Extended computer facilities, increased funds for library collections, and more funds for fellowships and scholarships – to attract more of the best students, especially at the graduate level – were similarly deemed high priority items."

The final step in the campaign kick-off was a Leadership Day held in September on the campus. Three hundred selected alumni and other friends of McGill came from across Canada, the United States, and as far afield as the West Indies to hear lectures from a cross-section of university faculty members; take tours of the McCord Museum, the Rare Book Room, and other facilities; to premiere a new McGill film, and to meet some of the key figures in the McGill Advancement Program.

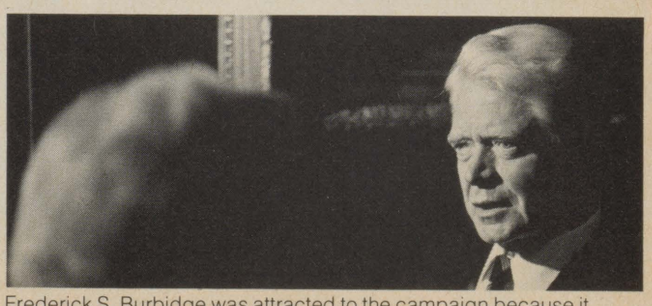
Chancellor Conrad Harrington, BA'33, BCL'36, great-grandson of Sir William Dawson, opened the plenary session of Leadership Day with reference to Dawson's approach: "He knew the importance of community involvement and nurtured it. He knew the value of research equipment, facilities, libraries, museums and excellent students and staff and he sought them with determination."

However urgent its own needs, McGill is acutely aware of the many demands being made on everyone's pocketbooks in the 1980s. It believes that activities like Leadership Day should inspire the confidence needed for donors to support the McGill Advancement Program. So should the caliber of the business people and professionals who have become active participants in the campaign. Hallward chaired the Leadership Day program and emphasized "the determination of the Governors to confirm a plan for McGill's future."

He also invited the key leaders, including the Principal, to explain how the campaign "will make a significant difference for McGill." Johnston pointed out that the major needs of the campaign are not a "wish list," but the result of an eighteen month study and review by a committee involving representation from all major areas of the university community to establish these priorities. "I assure you," he added, "that through the combination of skilful investment, judicious administration, and dedicated efforts by all the academic and non-academic staff, together with the remarkable record of our annual fund, we have managed well. But even the most careful management of resources cannot guarantee excellence in education in the face of rising costs."

Johnston's optimism for the campaign is prompted by the highest caliber of volunteer leadership from the local and national community that will direct this major endeavor.

The national chairman of the campaign, Frederick S. Burbidge, chairman and chief executive officer of Canadian Pacific Limited, admitted his initial hesitations over the enormity of the task. However, he expressed his enthusiasm based on "the favorable response of key volunteers who are now assisting in establishing an army of volunteers for the months ahead." He then introduced his top team. Heading the list for corporate contacts is Charles Bronfman. Individual key gifts will be coordinated by Rowland Frazee, and the solicitation of foundations is led by Charles Perrault, BEng'43, MEng'46. Solicitation of individuals at all other levels will be managed by Warren Chippindale, BCom'49, with the campus community being attended by Vice-Principal Gordon Maclachlan. Guiding public relations is McGill Governor Madeleine Saint-Jacques. Burbidge, also a Governor of McGill, indicated that his attraction to the campaign was its "support of people."



Frederick S. Burbidge was attracted to the campaign because it aims to support people.



Leading the McGill Advancement Program are (left to right): Director of the McGill Advancement Program John Heney; Inidividual Key Gifts Chairman Rowland Frazee; Corporations Chairman Charles Bronfman; National Campaign Chairman Frederick Burbidge; Foundations Chairman Charles Perrault; Public Relations Chairman Madeleine Saint-Jacques; Chairman of the Board of Governors Hugh Hallward; and Principal and Vice-Chancellor David L. Johnston.

Because of its ambitious scope, the McGill Advancement Program has developed a wide network of enthusiastic, committed volunteers. They will attempt to meet personally with as many potential donors as they possibly can, and these regional campaigns will continue for the next three years.

It is important to point out, however, that the McGill Advancement Program will not interfere with McGill's Annual Giving Programs, or the Alma Mater Fund, (AMF), which recently celebrated its 35th Anniversary. Graduates' Society President Carlyle Johnston, BA'50, BCL'53, and AMF Chairman A. Keith Ham, BA'54, BCL'59, have reviewed and endorsed the plan that will permit the Annual Giving Programs to continue as a separate project throughout the campaign. As Ham explains, "The campaign will initially focus on special individuals and all graduates will be asked to support the campaign while maintaining their interest in the AMF. Increased participation is now our goal to maintain and strengthen Annual Giving." Nor will the Program jeopardize government funding. As Johnston emphasized, "Dr. Camille Laurin, Minister of Education, has encouraged us... and assured us that this campaign will in no way affect the regular operating grants received from the government."

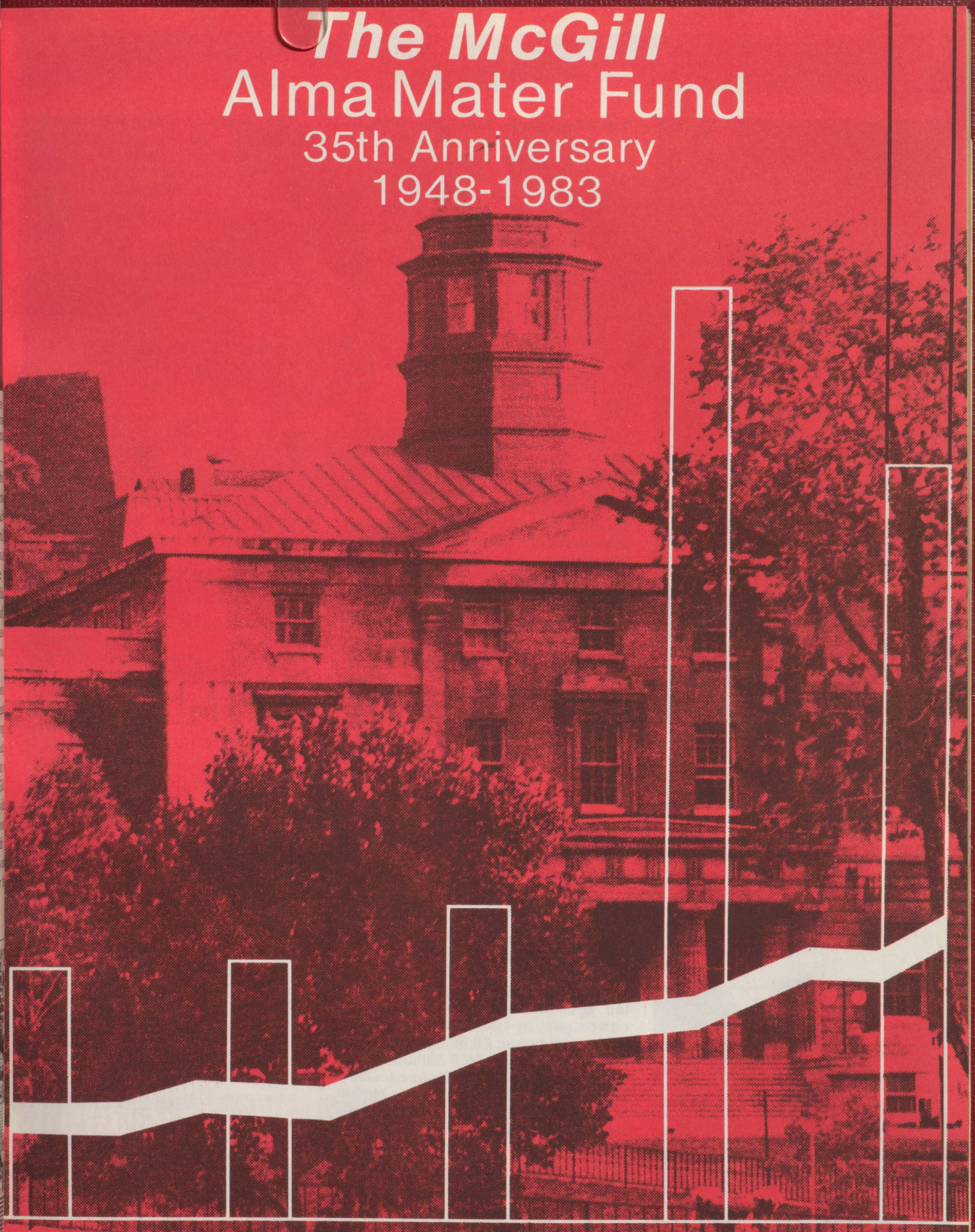
The monies raised will ensure that McGill will be able to keep pace and, as the title of the new film about the university suggests, "serve the coming age." According to Burbidge, "The largest portion – $38 million – will be for excellence in education to provide the best setting for the best teachers, students, and research activities possible. Only $23 million will be directed to major renovation and extension of existing facilities. Included in this amount is the unique project of grafting a new athletics hall into the present athletics complex. This accounts for $11 million, $4 million of this pledged by McGill students through a special athletics assessment, a project that the students initiated themselves through a campus referendum."

In launching a major campaign during tough economic times, McGill has taken a calculated gamble. But the gamble appears to be paying off. The McGill Advancement Program has already collected nearly $27 million in gifts and pledges. The campaign leaders are just as determined as Dawson once was. In Perrault's words, they hope "to strengthen McGill not for its own sake, but for what it can contribute to individuals who teach and study here and to serve society. It has its roots in Montreal, Quebec, but it has contributed to growth and development in many ways throughout Canada and beyond." As Hallward sums up, "Our objective is to do better those things we already do well." □



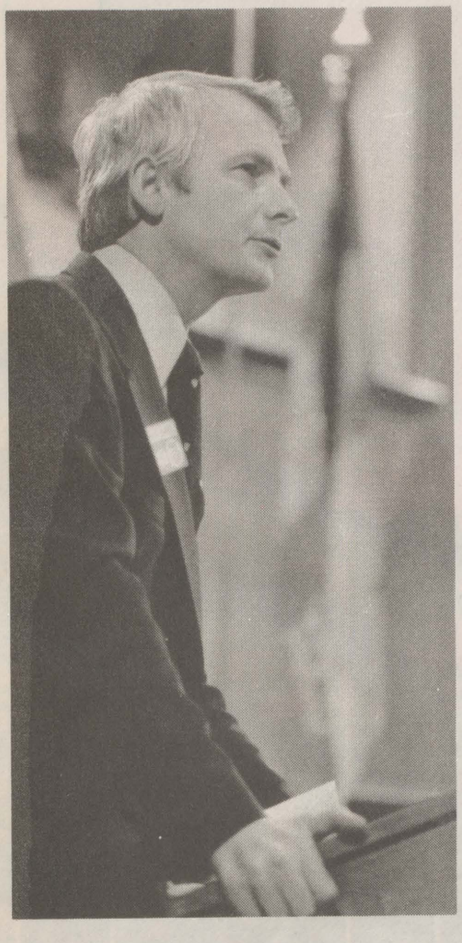
McGill today: Although there are no longer cows to be seen, there are some 20,000 students frequenting the 70 buildings that make up the university's cosmopolitan campus.

The McGill
Alma Mater Fund
35th Anniversary
1948-1983



Annual Report 1982-83

Message from the Principal



The Alma Mater Fund has been a constant source of pride to McGill over the years. Dedicated alumni founded the Alma Mater Fund in 1948 as the first Canadian university Annual Giving program. McGill has been a leader in fund raising ever since. The motto of the Fund from the outset was to be a "Living Endowment" for the University. It continues to provide significant funds for immediate use each year. The total amount generated for McGill since the Fund's inception is more than $20 million. This is a remarkable example of splendid support and leadership for the University.

The Annual Fund, from its start in 1948 (the same year as the $8 million McGill Fund campaign), has built upon contacts among alumni and has expanded the volunteer network to tell its story. Its importance is reflected in the unique purpose it serves for faculty development, libraries, scholarship and student aid, athletics and other designated projects. These areas cover a broad spectrum and allow for a wide range of interest. Such resources can provide new opportunities beyond the regular programs for students and staff alike. Deans and Directors can give examples of how the faculties, schools, or departments annually benefit from these designated funds.

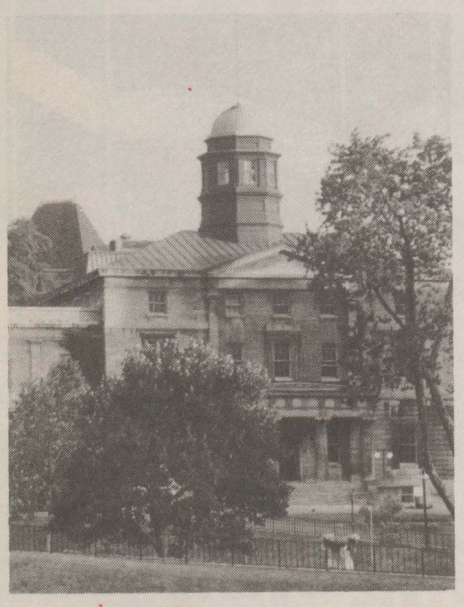
The Board of Governors recently announced a $61 million capital campaign for McGill. There are special needs which are so clear and so large that they can be realized only through a capital campaign. This campaign, announced in September and scheduled to be completed by 1986, will not diminish the importance of the Alma Mater Fund and other annual giving programs, but will in fact make them even more significant. All donors to the University will be asked to contribute in a special way to the capital campaign while, at the same time, maintaining their interest in Annual Giving.

This means that the normal growth of the Annual Fund can only be realized with expanded participation which is fundamental to success. It is essential that graduates who have never contributed before, or have not contributed recently, reconsider the value of the Alma Mater Fund to the University. Your thoughtful support of Annual Giving will ensure another benchmark of success for this program.

Sincerely

D.L. Johnston

David L. Johnston

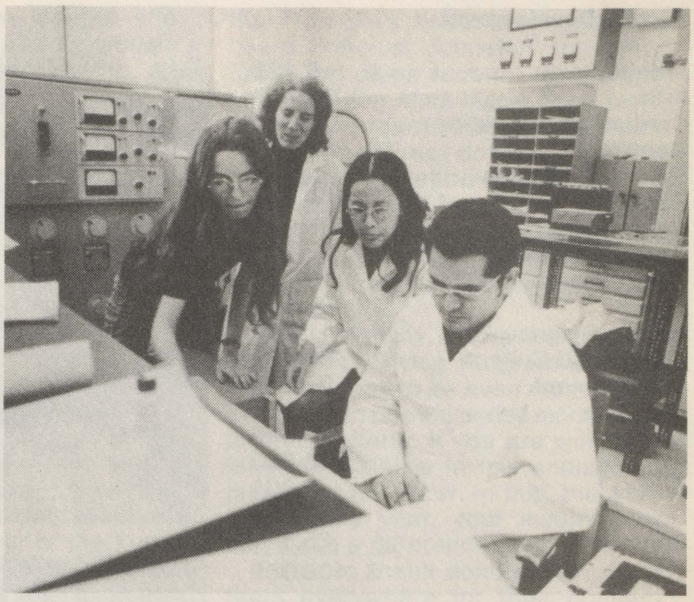


Cover

The importance of Annual Giving to the University is reflected in this cover concept of 35 years of continuous support of the Alma Mater Fund depicted against the backdrop of capital campaigns: in 1948 the McGill Fund Campaign raised $8 million; the 1956 McGill Campaign, $8.9 million; 1963-68, the McGill Fund Council Campaign, $10 million; 1973-79, McGill Development Program, Macdonald Agriculture Campaign and the Learning Centre campaigns raised $34.5 million and 1983 represents the beginning of the McGill Advancement Program with a goal of $61 million.

Faculty Report 1982-83





Faculty	No. in Faculty	No. of Donors	% Part.	Amount $	Average Gift $
Agriculture & Food Science	3,850	829	**21.5**	47,930	57
Architecture	984	255	**25.9**	23,884	93
Arts & Science, Men	12,076	2,109	**17.4**	152,129	72
Arts & Science, Women	13,379	2,896	**21.6**	175,356	60
Dentistry	1,361	566	**41.5**	60,392	106
Diplomas	1,075	154	**14.3**	5,137	33
Education	3,633	490	**13.4**	17,857	36
Engineering	8,367	2,260	**27.0**	218,753	96
Graduate Studies	8,625	1,182	**13.7**	77,352	65
Law	2,591	811	**31.3**	98,387	121
Library Science	1,190	212	**17.8**	7,932	37
Macdonald – Others	900	112	**12.4**	4,636	41
Management	5,326	1,488	**27.9**	142,894	96
Medicine	5,213	2,035	**39.1**	287,498	141
Music	736	78	**10.5**	2,911	37
Nursing	2,148	568	**26.4**	24,239	42
Phys. & Occ. Ther.	1,470	309	**21.0**	9,486	30
Religious Studies	304	43	**14.1**	2,070	48
Social Work	1,393	305	**21.8**	18,841	61
Company Matching Gifts		128		46,493	
Anonymous & Non-Alumni		243		77,974	
Faculty Totals	74,616	17,077	**22.7**	1,502,147	102

Leaders by Faculty

	In Dollars		In Participation
Medicine	$ 287,495	Dentistry	41.0%
Engineering	218,753	Medicine	39.1
A & S (Women)	175,356	Law	31.3
A & S (Men)	152,129	Management	27.9
Management	142,894	Engineering	27.0
Law	98,387	Nursing	26.4

Designated Giving

Faculty Development

Architecture	$	8,422
Arts		28,770
Continuing Education		3,927
Dentistry		30,121
Religious Studies		2,864
Education		6,481
Engineering		95,190
Graduate Studies & Research		13,791
Law		20,860
Library Science		986
Macdonald College		30,829
Management		27,309
Medicine		74,967
Music		2,622
Nursing		18,803
P. & O.T.		5,201
Social Work		11,405
Science		25,811
TOTAL	$	408,359

Libraries

Alma Mater Library Fund	$	96,798
Parents Library Fund		72,135
Total designated	$	168,933

Scholarships and Student Aid

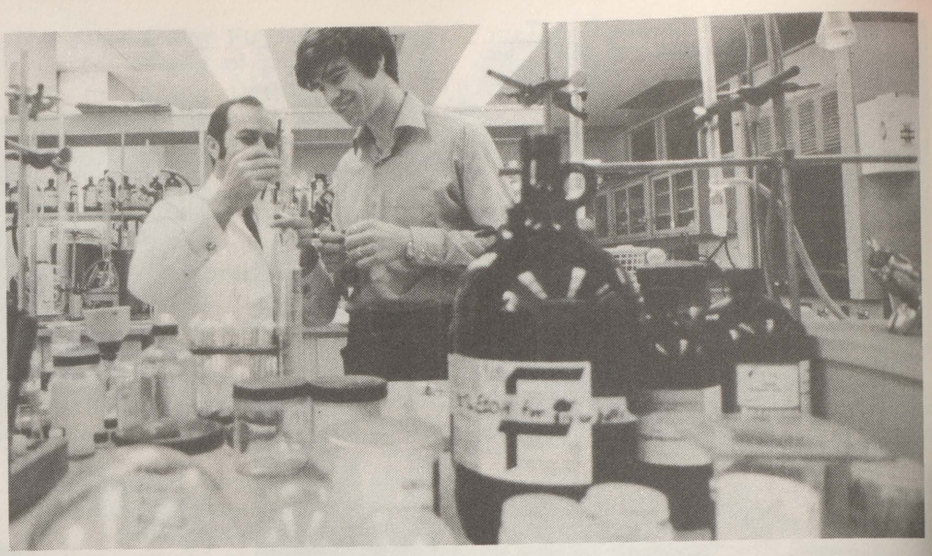
Alma Mater Fund Scholarships, Fellowships, Bursary and Loan Fund Total designated	$	119,439

Quality of Student Life

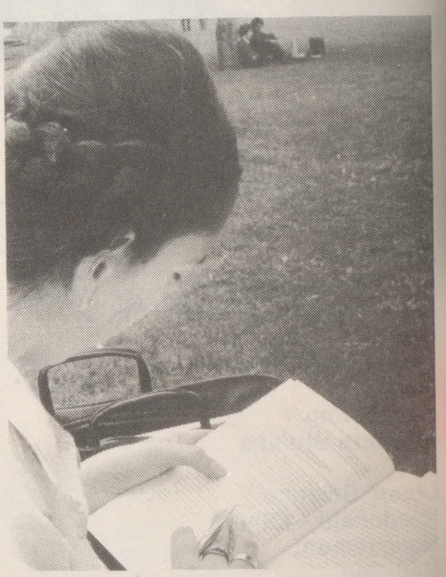
Total designated	$	12,301

Athletics

Total designated	$	23,028







In Memoriam

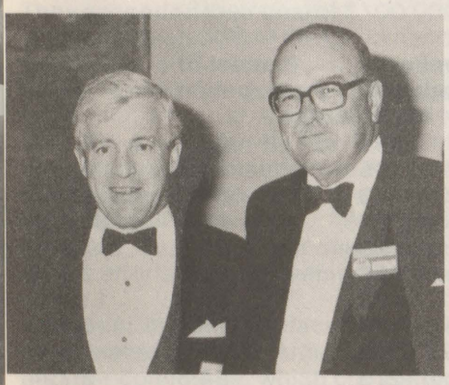
The memory of the following McGill graduates, former students and friends was honoured by Memorial Gifts to the Alma Mater Fund. The University extends its thanks to the families and friends who chose the McGill Alma Mater Fund as the beneficiary of these Memorial Gifts.

Dr. J.W. Abraham, DDS'23
Frederick P. Alward, BA'27, MA'28
Moe Bauman, BCom'24
Professor Dalbir Bindra
Allan Turner Bone, BSc'16
Gregory Bradfield
Edward E. Brown, BEng'32
A. Sydney Bruneau QC, BA'13, MCL'17
Mrs. Bruneau (Ruth Dawson), BA'17
David M. Camp
Dr. Mary C. Childs, BA'15, MD'22
Mrs. Gem Chippindale
Dr. Gibson E. Craig, BCom'32, MD'43
Dr. Richard E. Dagg, DDS'27
Miriam Donahue
Abraham and Ida Echenberg
D. Archibald Finlayson, BSA'32, MSc'34
Dr. A.O. Freedman, MD'08
P.D.P. Hamilton, BSc'22
John S. Heslop
Dr. E.W. Holden, BSA'22
Dr. Laurence Hooker, DDS'28
Maury Kaye
Burt Kidd
Floyd C. Lantz, BSc'21
Mrs. Annie Lathe, BA'08
Robert C. Legge QC, BA'49, BCL'52
Dr. Josephus C. Luke, BA'27, MD'31
W. Wallis Lummis, BSc'47
M. Yolande Plante Lynch
Dr. Basil C. MacLean, MD'26, LLD'62
Moses Marks, MD'23
H.W.S. Marshall
Dr. Hollis W. Merrick II, MD'33
Beverley Millar Muirhead, DipP&OT'54
A. Gordon Murphy, BSc'22, LLD'60
Mrs. Anne Noad
H. George Ott, BEng'45
Frank Rigler
Dr. R.F. Robertson, PHD'55
Dr. Jacob Schwartzman, BSc'23, MD'27
Marjorie Sharp, BA'67
Dr. John A. Sheppard, MD'39
Dr. Richard Shuman, MD'41
Dr. A.J.M. Smith, BSc'25, MA'26, DLit'58
Paola Strising
Professor Herbert H. Tate
John A. Tolhurst, BA'37
Margaret Allen Tough, BA'32, BLS'33
Robert G. Townsend, BSc'39, MD'41
Mrs. Agnes Turner
Abe Usher, BCom'24
James B. Woodyatt, BSc'07
Ernest Viberg, BSc'29

Chairman's Report

In 1948, the first Alma Mater Fund Chairman, E.P. Taylor, BSc'22, spoke of the promise of the Fund which could "with great effort reach a goal of $75,000". Now, in its 35th Anniversary year, it is necessary to be equally energetic and optimistic in setting a suitable goal for 1983 and beyond. We feel that $2 million is the challenge for the near future.

The volunteer leadership of the Alma Mater Fund over the past 35 years has been marked by great strength and has attracted enthusiastic participation. An active Alma Mater Fund Committee, with the involvement of a network of class agents and regional committees, has vigorously carried the McGill message to an ever-increasing constituency.



AMF Chairman, A. Keith Ham (left) is welcomed by Chancellor Conrad F. Harrington

Each succeeding year has produced encouraging results for the University. For the first 20 years, the Fund sought undesignated gifts. Then in order to provide graduates with an option in directing their gifts to the University, designated giving was introduced by the Alma Mater Fund Committee in 1969. Donors have a greater sense of commitment through identification with a particular area of the University.

At a recent dinner honouring the past chairmen of the Alma Mater Fund, there was reference to the changes at McGill over the years. In contrast to the first year of the Fund when there were 15,000 alumni, the number of graduates now exceeds 85,000. The international composition of the student body explains why one finds McGill graduates in more than 140 countries around the world. Last year, a total of $1.5 million was given by 17,000 graduates from 68 countries, a record achievement since that earliest goal of $75,000.

This fall, leadership donors at the Chancellor's Committee dinner and at the Principal's Associates reception heard Principal Johnston state that these two clubs account for a major portion of the Alma Mater Fund total. Later in this report, there is a membership listing of these donors. Even with this splendid support, the base of participation must be broadened. Only 23% of graduates gave to the Fund last year. While this is slightly above the North American average, we must do better.

The University knows the value of this Annual Giving Program and the promise it has to be even more effective. You can provide added momentum to these efforts. If you are willing to take the initiative in this endeavour, please let me know. In this, the 35th Anniversary year, your involvement can make a difference.

I wish to thank donors and volunteers everywhere for their commitment, and their awareness of the importance of the cause and the urgency of the need.

A Keith Ham

A. Keith Ham, BA'54, BCL'59

Alma Mater Fund Chairmen 1948 to 1983



Past chairmen honoured at special dinner. Seated (l to r) Elizabeth McNab, BA'41, Director of Development; Principal David L. Johnston, D. Lorne Gales, BA'32, BCL'35, Consultant, Gavin Ross, Past Dir. Annual Giving. Standing, the chairmen honoured: (l to r) Carlyle Johnston, BA'50, BCL'53; Colin W. Webster, BA'24; Lorne Webster, BEng'50; Donald R. McRobie, BCom'34; Robert E.J. Layton, BEng'47; Harold Corrigan, BCom'50; Lawrence McDougall, BA'39, BCL'42 and A. Keith Ham, BA'54, BCL'59.

1948	E.P. Taylor	BSc'22
1949-51	Colin W. Webster	BA'24
1952-53	S. Boyd Millen	BA'27, BCL'30
1954-55	Anson C. McKim	BCom'24, BA'27
1956	Frank B. Common, Sr.	BA'13, MA'14, BCL'17
1957-59	J. Geoffrey Notman	BSc'22
1960-61	A. Deane Nesbitt	BEng'33
1962	H. Rocke Robertson	BSc'32, MD'36
1963-65	J. Geoffrey Notman	BSc'22
1966-67	D.R. McRobie	BCom'34
1968-69	Lawrence G. McDougall, QC	BA'39, BCL'42
1970-71	Robert E.J. Layton	BEng'47
1972-75	Lorne C. Webster	BEng'50
1976-77	Harold Corrigan	BCom'50
1978-79	M. Carlyle Johnston	BA'50, BCL'53
1980-81	John M. Scholes	BEng'52
1982-84	A. Keith Ham	BA'54, BCL'59

Chairman
A. Keith Ham, BA'54, BCL'59

Past Chairman
John M. Scholes, BEng'52

Committee
Trevor H. Bishop, BA'54, BCL'57
George Brabant DDS'52
Michael Conway, BCom'79
George D. Goodfellow, BEng'36
Mitchell Greenberg, BA'70
Glenn Higginbotham, BCL'75, LLB'76
M. Carlyle Johnston, BA'50, BCL'53
John M. Little, MD'61
Hugh G. Marshall, BEng'51
Mrs. G.R.W. Owen, BA'33
Peter B. Reid, BCom'57
Peter Woolhouse, DDS'77

Regional Report

The top 10 areas with Graduates' Society Branches

	In Dollars		In Participation
Montreal	$ 549,149	Washington, D.C.	35.4%
Toronto	155,023	New Brunswick	33.0
New York	85,166	Toronto	30.0
Ottawa	83,476	Philadelphia	29.8
Vancouver	34,608	Calgary	28.9
Calgary	29,454	Boston	28.1
San Francisco	27,279	London	27.9
New Brunswick	18,319	Florida	27.8
Victoria	18,059	Upper St. Lawrence	27.7
Boston	17,605	New York	27.6

Regional Response of Graduates' Society Branches

Canada	Number of Graduates	Percent of Participation	Total
Newfoundland	298	16.1	$ 2,828
P.E.I.	233	21.0	5,180
Halifax	532	20.8	8,270
Cape Breton	123	21.9	3,070
Kentville	175	24.5	3,822
Fredericton	234	33.7	4,660
Moncton	173	34.1	2,710
St. John	174	32.1	3,215
Bedford District	428	24.5	20,159
Montreal (Men)	18,835	22.4	400,648
Montreal (Women)	14,166	19.1	148,501
Quebec City	522	17.2	6,822
St. Maurice Valley	155	20.0	1,225
Grand River Valley	506	20.9	9,122
Hamilton	633	19.2	7,938
London	523	27.9	8,619
Niagara Peninsula	305	27.2	5,275
Ottawa Valley	4,392	29.0	89,306
Toronto	6,464	29.4	155,023
Upper St. Lawrence	807	27.7	16,455
Windsor	175	29.1	3,287
Winnipeg	493	18.6	7,700
Saskatoon	203	24.1	3,197
Calgary	1,214	28.9	29,454
Edmonton	803	25.6	14,568
Vancouver	1,960	26.7	34,608
Victoria	642	23.6	18,059

United States	Number of Graduates	Percent of Participation	Total
Boston	854	28.1	$ 17,605
Vermont	195	20.7	5,205
Hartford	160	30.6	2,840
New York	1,759	27.6	85,166
Philadelphia	298	29.8	7,650
Georgia	108	24.0	2,316
Florida	423	27.8	11,253
Cleveland	172	27.9	5,760
Cincinnati	98	25.5	1,885
Chicago	275	24.3	3,794
Texas	256	27.3	7,373
San Francisco	599	26.2	27,279
Los Angeles	567	26.2	13,110
San Diego	119	22.6	2,520
Washington State	217	22.1	4,475

Other Countries			
Bermuda	127	40.9	$ 5,325
Great Britain	810	2.7	1,594
Trinidad-Tobago	242	4.9	694
Australia	179	6.1	737
France	157	13.3	1,390
Greece	132	3.0	327
Japan	60	13.3	640
Switzerland	79	31.6	2,305

N.B. These areas were selected to give an indication of response by alumni in 50 of the 71 Branch locations.

Phonathons: Dialing for Dollars

The success of the phonathon follow-up to the Alma Mater Fund requests is determined by the enthusiasm and organization of volunteers in many areas. The increased cooperation of the regional Branches of the Graduates' Society has produced excellent results.

The Alma Mater Fund Committee acknowledges with appreciation the special efforts of phonathon coordinators in these regions: Dan Amadori, BCom'72, in Toronto; George Winters, BSc'48, in Ottawa; Tony Peccia, BSc'75, MSc'77, MBA'79, Ann Vroom, BA'67, Claudia Rogers, BA'66, and Michael Conway, BCom'79, in Montreal; Tom Jellinek, BSc'57, in New Brunswick; Gordon Lindsay, BEng'48, in Vancouver; Gibson Brown, BEng'56, in Edmonton; Edward Engstrom, BSc'69, in Calgary; Richard Gordon, BCom'67, in Boston; and Arthur Coleman, BA'77, in New York.

Anniversary Giving

Classes Provide Special Gifts

An anniversary year can be an occasion for a class to undertake increased giving and maximum participation in the Alma Mater Fund. Most classes choosing to make an Anniversary Gift to the University focus their support on a special project or faculty.

In the last fund year, the majority of graduates celebrating their 50th Reunion successfully promoted increased or unique class gifts. The class of Medicine'32 committee headed by Dr. Gilbert Turner, Dr. Joachim Brabander, and the late Dr. Fred Mott, achieved a substantial gift in support of the Medical Faculty. They exceeded their goal of $100,000 with more than 50% of the gift in hand. Graduates of Commerce'32, spurred on by Harold Goodman, contributed more than $10,000. A special grant of $10,000 was given by the Max Bell Foundation to commemorate the 50th Anniversary of Max Bell's graduation from McGill University. This grant provided important encouragement to the efforts of the Commerce class of '32.

Alumni in all other faculties were coordinated by Alma Harrison, RVC'32, and her committee, which completed the participation of all classes in tribute to McGill on the occasion of their 50th Reunion.

Law'57, under the leadership of Trevor Bishop, doubled their giving and provided more than $5,000 for the Law Library.

One class presented their gift to Macdonald College during their Reunion. Pat Reynolds, BSc(HE)'53, and her classmates contributed more than $4,000 for their 30th Reunion Class Gift.

In each instance, participation and total class giving increased considerably as a result of Anniversary Giving.



Principal Johnston is shown with Alma (Johnston) Harrison, RVC'32, Gilbert Turner, MD'32, Mrs. Harold Goodman and Mr. Goodman, BCom'32 at the Principal's Reception for the 50th Anniversary Class at Reunion '82.

Class Plans in Progress

Although the emphasis for Reunion gifts should coincide with an Anniversary year, some classes have been gearing up for their special gifts well in advance.

Medicine'36, with a committee headed by Dr. H. Rocke Robertson and Dr. Mabel Howie, is working towards $100,000 for its 50th Reunion gift to McGill and, to date, gifts total $35,000. The graduates of Medicine'45 are planning for their 40th Reunion and efforts to provide their faculty with an unique class gift on that occasion are being developed by Dr. Elizabeth Steffen. Current gifts in hand total in excess of $30,000.

Dentistry'58, guided by the committee of John Fenwick and Robert Faith, has produced $4,000 of its $10,000 goal on the occasion of their 25th Anniversary. The enthusiasm of Reunion'83 encouraged the Macdonald Class of Agriculture and Home Economics'58 to do the same. Class Chairman Allan Douglas, BSc(Agr)'58, and classmates are coordinating class participation now for a Macdonald gift.



Carlyle Johnston, BA'50, BCL'53, President of the Graduates' Society, presented Dr. Mabel Howie, BSc'32, MD'36, with the Distinguished Service Award for long service and outstanding effort on behalf of her class at the Graduates' Society Annual Meeting during Reunion '83.

Parents Association

This was the 20th anniversary of the McGill Parents Association. It was established in 1963 with H. Clifford Hatch as the first chairman. This was the first parents program in Canada and it provided non-alumni parents with information about the University and an opportunity to support those needs of primary importance to students at McGill.

Support has increased four-fold since the early years. Donations received from parents over the years total $675,126. This includes $79,000 contributed by parents last year of which $72,000 was for library collections, a project that will continue to assist students for years to come.

On completing our term as co-chairmen of the McGill Parents Association, we are extremely grateful for the support from parents who have made a special effort for the University.

In closing, we extend a warm welcome to the incoming co-chairmen, Patricia and Ken Taylor. Mr. Taylor, Canadian Consul General in New York, is an Honorary Life Member of the McGill Graduates' Society in New York. We are confident that they will find the response from parents very rewarding and that they will enjoy a close association with parents from around the world.

Lynn + John Walker

Co-Chairmen
Mr. & Mrs. John M. Walker
Montreal, Quebec

Honorary Chairman
Mr. H. Clifford Hatch
Walkerville, Ontario

Past Co-Chairmen
Mr. & Mrs. Bruce Rankin
Aurora, Ontario

Committee
M. & Mme Marcel Casavant
Montreal, Quebec

Mr. & Mrs. John Hampton Hickman III
Geneseo, New York

Mr. George Horowitz
New York, New York

Mr. & Mrs. Ernest E. Monrad
Boston, Massachusetts

Dr. & Mrs. Edward H. Simmons
Don Mills, Ontario

Mr. & Mrs. Mandel E. Slater
Boston, Massachusetts

Mr. & Mrs. Hedley A. Smith
Halifax, Nova Scotia

Mr. & Mrs. Kenneth Taylor
New York, New York

Mr. & Mrs. Robert S. Traquair
London, England

Dr. & Mrs. Roderick Turner
Los Angeles, California

Dr. & Mrs. James A.S. Wilson
Montreal, Quebec

The McGill Associates

Founded in 1939 with Ross Clarkson as the first chairman, this association is one of the oldest with a special tradition at McGill. The membership is now made up of non-alumni in the business community in Montreal. It provides a sounding board for an exchange of ideas between the business community and the University. Professor Stephen Leacock once referred to the Associates as a forum for the "Town and Gown".

The Associates' tangible support derives from contributions which range from minimum membership fees to substantial donations. Donations received last year in the amount of $30,495 permitted the Associates to support needs in Nursing, Social Work, Agriculture, Architecture, Physical and Occupational Therapy, Library Science and Athletics.

The support provided by the Associates to McGill since 1939 now totals $1,007,382.

To current Associates, I extend our appreciation for your involvement and ask you to welcome new members to join us and increase our service to McGill University.

D S Wells

Donald S. Wells

Chairman
Donald S. Wells
President
Industrial Credit Insurance Co.

Committee
William Alexander
Senior Vice-President
Toronto Dominion Bank
Quebec Division

Aldo Baumgartner
President
Hoffman-LaRoche Limited

Nicholas Frankel
Senior Vice-President & Director
Marsh & McLennan Limited

Lynn H. Goth
Vice-President & Director
Dominion Securities Ames Limited

Robert Harrison
President
Hotel Suisse Sun Valley Inc.

Philip E. Johnston
Senior Vice-President
Royal Trust Company

David Lank
Partner
Lank, Roberton, Macauley

Ralph S. Leavitt
President
Canada New Zealand Casings Ltd.

John Lynch-Staunton
President
John de Kuyper & Son (Canada) Ltd.

Maurice Massé
Chairman of the Board
Maurice Massé Inc.

John J. Peacock
Vice-President
Fednav Ltd.

Jane M. Polud
President
Agradex International Inc.

J. Stuart Spalding
Vice-President, Finance
Bell Canada Enterprises

Matching Gifts Double Dollars for McGill

More companies than ever are adopting matching gift programs as one way of providing support for education. Through matching gift programs, employees' contributions to education will be matched by the companies.

Today, there are 463 companies which will match gifts to Canadian institutions. Some companies will match gifts made by parents, spouses, retirees, and directors in addition to gifts by graduates of the University. Others have introduced broadened terms of matching 2 for 1, or even 3 for 1, under certain circumstances.

Often graduates, parents, associates, and friends of McGill are unaware of this potential added benefit for the University. To determine if a donation is eligible to be matched, donors should contact the personnel office of their companies. The current list of companies with established matching gift programs is provided for your information. At McGill alone last year, matching gifts from 129 companies totalled $46,493, which added substantially to the effectiveness of the Annual Fund.

A
Abbott Laboratories *D,R
A.S. Abell Company Foundation Inc. D,R
Abex Corporation R
Aetna Insurance Company
Aetna Life & Casualty D,R,M
Air Products and Chemicals, Inc. D
Airco, Inc. D,R
Albany International Corp. D,R,M
Alco Standard Corporation D
The Alcoa Foundation *D,R,M
Alexander & Alexander Inc.
Allegheny Ludlum Steel Corporation
Allendale Mutual Insurance Co. R
Allied Chemical Corporation D,M
Allis-Chalmers Corporation D,M
Amax Foundation, Inc. D,R
American Airlines, Inc. D
American Brands, Inc.
American Can Company D,R,M
American Express R,M
American Hoechst Corporation
American Home Products Corporation D,R
American International Group Inc.
American Mutual Insurance Companies
American Re-Insurance Company
American Standard, Inc.
American States Insurance D
American Stock Exchange
AMF Canada Limited
Amoco Foundation D,R,M
Analog Devices
A.R.A. Services, Inc. D
Arco Limited D,R,M
Arkwright-Boston Manufacturers Mutual Insurance Company R
Armak Company *
Arthur Andersen & Company R
Associated Spring Corporation *
Athos Steel & Aluminum, Inc.
Atlantic Richfield Company D,R,M
Atlas Steels Limited
Augat Inc. *
Avco Corporation
Avis Rent-A-Car System, Inc. D
Avon Products Inc. *
Ayerst McKenna & Harrison Limited D,R

B
The Badger Company, Inc.
The J.E. Baker Company D,R
Bank of Montreal
The Bank of New York R
Bankers Life Company
The Barton-Gillet Company *
BASF Wyandotte Corporation
Baxter Travenol Laboratories, Inc.
Beatrice Foods Company D,R,M
Bechtel Foundation of Canada
Becton, Dickinson and Company R
Beech Aircraft Corporation D,R
Bernd Brecher & Associates, Inc.
Bird Companies Charitable Foundation, Inc. D
Black & Decker Company Limited
Blount, Inc.
The Boeing Company D
Boise Cascade
The Borden Company Limited
Bowater North American Corporation
The Bowery Savings Bank
Boyle-Midway Canada Limited
Brown-Forman Distillers Corporation
Budget Rent-A-Car Corporation D
Buffalo Savings Bank
Bunge Corporation
Burlington Industries, Inc. D,R

C
Calgon Corporation D,R
Campbell Soup Company D,R
Canada Starch Company Limited
Canada Steamship Lines
Canada Shipbuilding
Canada Systems Group
Canadian Acceptance Corporation Limited
Canadian Fuel Marketers Group Limited
Canadian General Electric Company Limited D
Canadian Occidental Petroleum Limited D
Canadian Salt Co. Ltd.
The Carborundum Company R
Carrier Canada Limited D,R,M
Carrier Corporation D,R,M
Castle & Cooke, Inc. D
Cavalier Corporation
CBS Inc. D
Central Life Assurance Company D
Certain-Teed Products Corporation M
The Charter Company
Chemical Bank D
Chessie System Railroads D,M
Chevron Standard Limited D,R
Chrysler Canada Limited D,R
Chubb & Son Inc, D,R
Ciba-Geigy Corporation *
The Clorox Company
Clow Corporation
CNA Financial Corporation
Coates & Clark Inc R
The Coleman Company Inc.
The Colonial Life Insurance Company of America
Combustion Engineering D,R
Commercial Union Assurance Companies
Connecticut Bank & Trust Company R
Connecticut General Insurance Corporation D,R,M
Conoco Inc. D,R,M
Consolidated Foods Corporation D,M
Consolidation Coal Company
The Continental Corporation *D
Continental Oil Company D
The Cook Foundation D,R,M
Frederick W. Cook & Company, Inc.
Cooper Industries, Inc. D
CPC International Inc. D
Crum Forster of Canada Limited D
CUNA Mutual Insurance Group
Customized Computer Systems, Inc. M

D
Dart Industries Inc. *M
Deere & Company D,R
Dekalb AG Research, Inc. D
Diamond Crystal Salt Company
Diamond Shamrock Corporation M
A.B. Dick Company *R
Digital Equipment of Canada Limited D,R
Dillingham Corporation D
Dominion Engineering
Donaldson, Lufkin & Jenrette, Inc.
R.R. Donnelley & Sons Company D,R,M
Dow Badische Company R
The Dow Chemical Company *R
Dow Corning Canada, Inc.
Dow Jones & Company D
Dresser Industries, Inc. *D,M
Wilbur B. Driver Company
Durion of Canada

E
Earth Resources Company D
Eaton Corporation D,M
The E-B Industries, Inc. D,R
Ekco Canada Limited
Eldorado Nuclear Limited
Electrolux (Canada) Limited
Emerson Electric Co. D
Emhart Corporation *D,R
Ensign-Bickford Company D,R
Envirotech Canada Limited
Essex International of Canada Limited D,R,M
Ethicon, Inc. M
Ethyl Corporation of Canada
Ex Cell-O Corporation *
Excelsior Life Insurance Company

F
Factory Mutual Engineering Research Corporation R
Fiberglas Canada Inc.
Fireman's Fund Insurance Company R,M
Firemen's Mutual Insurance Company
First Bancorp Inc.
First Boston Foundation Trust D,R
First National Holding Corporation
The First New Haven National Bank
First Virginia Banks, Inc.
FMC Corporation
Ford Motor Company D,R
Ford Motor Company of Canada Limited D
Foremost-McKesson, Inc. D
The Foxboro Company D,R,M
Frank E. Gannet Newspaper Foundation D,R
Fraser Inc.
Freeport Minerals Company D,R
H.B. Fuller Company *R
Funderburke & Associates, Inc.

G
Gardner-Denver Company D,R
Gary Energy Corporation R
GATX Corporation
Geico
General Atronics Corporation D
General Electric Foundation
General Foods Limited D,R
General Reinsurance Corporation
Getty Oil Company *D
Gilman Paper Company D
Ginn & Company D,M
Glidden Coatings M
Goldman, Sachs & Company
W.R. Grace & Company
Green Giant Company R
Grinnel Corporation D
Griswold-Eshleman Company
Grumman Corporation D
GTE Products Corporation *R
Gulf & Western Foundation
Guy F. Atkinson Company

H
Hackney & Sons Inc.
Hanes Corporation
Harper & Row Publishers, Inc.
Harris Corporation
Harris Trust & Savings Bank
The Hartford Insurance Group D,R
The Hartford Steam Boiler Inspection and Insurance Company D,R
H.J. Heinz Company D,R,M
Herco Inc. R,M
Hercules Canada Limited R
Hercules Incorporated R
Heublein Inc. D
Hewitt Associates
Hewlett-Packard Co. D
Hill Acme Company
Homestake Mining Company *
Honeywell Limited D,R
Hooker Chemical Corporation R
The Hoover Company *D
Horton CBI Limited
Houghton Chemical Corporation
Houghton Mifflin Company *D,R
J.M. Huber Corporation D
Huck Manufacturing Company
Hudson Bay Oil & Gas Company Limited
Hughes Aircraft Company

I
IBM Canada Limited D,R,M
IBM Corporation D,R,M
Inco Limited D
Industrial Risk Insurers R
Ingersoll-Rand Canada, Inc. D,R
International Business Machines Company Limited D,R,M
International Flavors & Fragrances, Inc.
International Minerals & Chemical Corporation D,R,M
International Multifoods Corporation D,M
International Nickel Company, Inc. D
International Paper Company Foundation *D,M
International Telephone & Telegraph Corporation *D
Interpace Corporation D,R
Intsel Corporation D,R
Itek Corporation
Itel Corporation

J
Jamesbury Corporation
Jefferson-Pilot Broadcasting Co. D
John Hancock Mutual Life Insurance Company D,R
Johns-Manville Corporation D,R
Johnson Controls Limited D
Johnson & Higgings Willis Faber Limited M
Johnson & Johnson D,M
Jones & Laughlin Steel Corporation R
Josten's Inc.

K
Kearney-National Incorporated
Kerr Addison Mines
Kidd Creek Mines Limited D
Walter Kidde & Company
Kidder, Peabody & Company, Inc.
Kimberley-Clark Corporation *D,R
Kingsbury Machine Tool Corporation D
Kingsway Transport
Richard C. Knight Insurance Agency, Inc. R
H. Kohnstamm & Company, Inc.
Koppers Company, Inc. D,R,M
Ralph Korte, Inc.

L
Lanier Business Products
Life Savers Inc. D,R,M
Loyal Protective Life Insurance Company

KEY: * - Matched in U.S.A. only. D - Directors eligible. M - More than 1-to-1 match. R - Retirees eligible.

The Lubrizol Corporation R,M
Lutheran Mutual Life Insurance Company

M
M & T Chemicals R
MacLean-Fogg Lock Nut Company
MacLaren Power & Paper Company
P.R. Mallory & Company, Inc. *D,R,M
Manulife
Marsh & McLennan Management
Massachusetts Mutual Life Insurance Company D
McDonnell Douglas Foundation
McDonald's Corporation
McGraw-Hill Inc. D,R
McGraw-Hill Ryerson Limited D,R
McKim Advertising Limited
Medusa Corporation
Mellon National Corp. D
Merck & Co., Inc. *D,R
Metrocan Leasing Limited
Metropolitan Life Insurance Company D,R
MFB Mutual Life Insurance Company
Michigan General Corporation
Middlesex Mutual Assurance Company
Midland-Ross Corporation D
Milton Bradley Company M
Minnesota Mining & Manufacturing Company D,R
MITE Corporation D
Mobil Foundation * D,R,M
Mobil Oil Canada Ltd. D,R,M
Mohasco Corporation D
Montgomery Ward Foundation D,R,M
Moore McCormack Resources, Inc.
Morgan Guaranty Trust Company D,R
Morrison-Knudson Company, Inc. D
Motorola Canada Limited
Motorola Inc. D,R
M.T.S. Systems Corp. R
Murphy Oil Corporation D,R,M
The Mutual Life Insurance Company of New York
Mutual of Omaha D,R

N
Nabisco, Inc. D,R
National Gypsum Company
National Life Insurance Company D,R
National Medical Enterprises
Nepera Chemical Company, Inc.
New England Electric Systems Co.
New England Gas & Electric Association R
New York Bank for Savings D
Noranda Mines
Northsport Limited
The Northwestern Mutual Life Insurance Company R
Northwestern National Bank of Minneapolis
Northwestern National Life Insurance Company
W.W. Norton & Company, Inc. M

O
Oakite Products, Inc.
Occidental Life Insurance Company D
Occidental Petroleum Corporation R
Old Stone Bank
The Ontario Paper Company
Ortho Pharmaceutical Corporation M
Otis Elevator Company Limited D,R,M

P
The Ralph M. Parsons Company D
Paul Masson Inc. R
Paul Revere Life Insurance Company
Pechiney Ugine Kuhlmann Corp.
Pennzoil Company R,M
Pepsico, Inc. D,R,M
Pfizer, Inc. D,R
Phelps Dodge Corporation D,R
Pioneer Group D
Pioneer Hi-Bred Corn Company M
Pittsburgh National Bank
Pittway Corporation D,M
Planters R
Polaroid Corporation D,R
Porter Paint Co.
Pratt & Whitney Canada Ltd. D,R,M
Preformed Line Products Company
Prentice-Hall Inc.
Procter & Gamble Fund *
Proctor-Silex M
Provident Life & Accident Insurance Company R
The Prudential Insurance Company of America D,R

Q
Quaker Chemical Products Corporation M

R
Rainier National Bank R
Ralston Purina Canada Inc. D,R
Arthur D. Raybin Associates, Inc.
Raytheon Company *D
J.S. Redpath Limited
Republic National Bank of New York
Research Cottrell
The Research Institute of America
Richardson-Merrell, Inc. D
Richardson-Vicks, Inc. D
Rio Algom Mines Limited
Rio Tinto Canadian Exploration Limited
Robin Hood Multifoods Limited
Rockefeller Center Inc. D,R
Rockwell International Corporation, Inc. D
ROLM Corporation
Royal Insurance Company D
Arthur Rudick Brokerage

S
Safeco Insurance Companies M
Saga Corporation
The St. Paul Companies *
St. Regis Paper Company D,M
Sanders Associates, Inc.
Schering Corporation *D
Schering-Plough Foundation, Inc. *D
Schlegel Corporation
SCM Corporation M
Scotia Bond Company Limited
Scott Paper Company Foundation D
Joseph E. Seagram & Sons Inc. R
Selkirk-Metalbestos (Canada)
Shenandoah Life Insurance Company
The Sherwin-Williams Company D
Silver Burdett Company R
Simonds Canada Saw Company Limited
Sinclair Oil Corporation D,R,M
The Singer Company Foundation *D,R
Smith, Kline & French Canada Limited (SKF) D,R
The Southland Corporation D
Southwest Forest Industries D
Spectra-Physics
Sperry & Hutchison Company D,M
Squibb Corporation D,R
Stanadyne, Inc.
Standard Brands Inc. R
Standard Insurance Company
Standard Oil Company of California D,R,M
Standard Oil Company (Indiana) D,R,M
The Standard Oil Company (Ohio) D,R,M
Stanley Home Products, Inc. D
The Stanley Works D,M
State Mutual Life Assurance Company of America D,R
Stauffer Chemical Company D
Steel Heddle Manufacturing Company
Suburban Propane Gas Corporation R
Sun Life Assurance Company of Canada *
Sun Company Inc. D, R,M
Suncor, Inc. R,M
Syntex Corporation D

T
Teledyne, Inc. D,M
Teleflex Foudation
C. Tennant, Sons & Company of New York *D
Tennant Company M
Texaco Canada, Inc. M
Texaco, Inc. M
Texasgulf, Inc. *
Texas Instruments
T.H.A. Technical Industries Limited
The Thomas & Betts Corporation D
Tiger Leasing Group
Toms River Chemical Corporation (TRC)
The Toro Company D,R,M
Toronto Star Newspapers Limited
Total Petroleum (North America)
Towers, Perrin, Forster & Crosby (Canada) Limited
Townsend and Bottum, Inc.
Transamerica Corporation D
The Travelers Insurance Companies R,M
Treadway Companies, Inc.
Tremco Canada
Tuco Products Co.
Turner Construction Company

U
UGI Corporation
Union Carbide *
Union Oil Company of California D,R
Uniroyal, Inc. D,R
Uni-Serv Corporation R,M
United Airlines, Inc. D
United Artists D
United Bank of Denver R
United Parcel Service
United States Fidelity & Guaranty Co. D,R,M
United States Gypsum Company D,R
United Technologies of Canada D,R,M
United Technologies Corporation D,R,M
United Telecom D,R
The Upjohn Company of Canada D,R
Urban Investment & Development Company
U.S. Air
United States Leasing International, Inc. D,M
U.S. Steel Foundation D
Utah International Inc. D
Utica National Insurance Group

V
Valvoline Oil of Canada Limited D,R
Varian Associates D,M
Vicks D
Vitaulic Company of America
Voyageur Limited

W
Wallace-Murray Corporation
Warner-Lambert Canada Limited R
Washington National Insurance Company
The Washington Post M
Waste Management Inc. D
Wausau Insurance Companies D,R
Watkins-Johnson Company
Weeden & Company D
Welch Foods, Inc.
Wells Fargo & Company R
Westvaco Corporation D
Whitehall Laboratories Limited D,R
William E. Young & Company
Wiremold Company D,R
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Leadership Gift Roll 1982-83

Leadership Gifts and participation by the greatest possible number of donors provide the strong foundation upon which the Alma Mater Fund rests. The following four categories of giving were created for those graduates, parents, associates and friends who find it financially possible to contribute at these levels:

Gifts of $1000 or more
Gifts between $500 and $999
Gifts between $250 and $499
Gifts between $100 and $249

For the year ending May 31, 1983, the Leadership Gift Roll lists all individuals contributing in one of these four categories, except those requesting anonymity.

The Chancellor's Committee
This Leadership Club recognizes donors of gifts of $1000 or more. Gifts from the Chancellor's Committee totalled $429,372, including gifts given anonymously.

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WILLIAM R G ABBOTT B COM68
SAUL ABRACEN
CHARLES S ALEXANDER B A52 B C L59
MRS CHARLES S ALEXANDER B A58
* D MURRAY ANGEVINE M D29
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A BRAM APPEL B COM35
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HAROLD F BIEWALD D D S55
G DRUMMOND BIRKS B COM40
H LLOYD BLACHFORD B SC(ENG)18
ANCEL U BLAUSTEIN B SC42 M D45
HELMUT BLUME
E ROGER BOOTHROYD M SC40 P H D43
LIONEL BORKAN
R DAVID BOURKE B ARCH54
HUGH M BROCK B SC(ENG)28
C R BRONFMAN
GERALD BRONFMAN B COM35
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JAMES A BUTLER M D59
JOAO P R CAMPOS B A70
GEORGE S D CANTLIE M D60
RONALD E CAPE P H D67
E BOWER CARTY B COM39
WARREN CHIPPENDALE B COM49
SHELDON M CLAMAN D D S57
ROBERT N COCKFIELD B COM45
DONALD L COLE B SC(AGR)55
MRS DONALD L COLE B SC(H EC)57
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MRS FREDERIC B COPPIN B A37
GORDON A COPPING M D30
HAROLD CORRIGAN B COM50
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R F PATRICK CRONIN M D53 M SC60
CLAYTON H CROSBY M D37 DIP MED47
DAVID CULVER B SC47
GEORGE N M CURRIE B ENG51
RICHARD G DAMIANO D D S60
MRS EDGAR DAVIDSON B A33
HUGH P DAVIS M D27
GEORGE DEGNAN M D39
L PACIFIQUE DESJARDINS B ENG54
S H DOBELL COM22
MARGARET RUTH DODDS B A32 M A34
DAVID G DORION B COM54
DEREK A DRUMMOND B ARCH62
CHIPMAN H DRURY B ENG39
MRS RUDOLPH DUDER B SC42 M S W70
CHARLES A EAVES B S A32 M SC(AGR)37
GORDON L ECHENBERG B A61 B C L64
MRS G M M EDWARDS B A16
WILLIAM E EVENS B COM35
MOHAMMED A FARIS B ENG59 M ENG62
ANGELO J FAVRETTO B ARCH47
DONALD G FINLAYSON B C L52
JANET L FINLAYSON B SC(H EC)59 B L S65
JOHN P FISHER B ENG51
PHILIP S FISHER B A16 L L D64
GEORGE E FLOWER B A40 M A49
R J A FRICKER B ENG40
D LORNE GALES B C L35 L L D79
JOHN M GARDNER B ENG49
JOHN M F GAREAU B SC52
LEVON K GARRON M D36
DAVID ALAN GEAN M D53
NAHUM GELBER B A54 B C L57
MENARD M GERTLER M D43 B SC46
MRS JOHN D GILLIAM B SC59
DANIEL L GOLD B COM59
GEORGE D GOODFELLOW B ENG36
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HENRY W GREENBERG
MRS HUGH G HALLWARD B SC52
A KEITH HAM B A54 B C L59
ALEX D HAMILTON B ENG40
MRS P D P HAMILTON B A22
R M P HAMILTON B SC(ENG)25
M J HARKINS M D32
C F HARRINGTON B A33 B C L36
RICHARD M HART P H D70
DAVID M HARVEY M D55
GERALD G HATCH B ENG44
MRS GERALD G HATCH B ARCH46
H CLIFFORD HATCH
RENE V HEBERT M D45
ISABELLE F HIGGINSON B COM24
ROSS O HILL B SC46 M D48
CHEE KONG HO D D S77
HUGH R HOWSON M COM71
MRS G MILLER HYDE
JOHN G IRELAND B A48
WM F JAMES M SC21
ALICE E JOHANNSEN B SC34
M CARLYLE JOHNSTON B A50 B C L53
GEORGE B JOST B ENG32
FRANK A KAY D D S68
JOHN KAZUTOW M D36
PATRICK J KEENAN B COM54 C A57
PAUL B KELLY M D61
TAYLOR J KENNEDY B ENG38 M ENG39
RANALD KROLMAN B A81
SAMUEL B LABOW B SC58 M D62
LAURENCE L LACAILLADE B A65
AURELE LACROIX
HUBERT LACROIX B C L76 M B A81
WENDELL H LAIDLEY B ENG62
PETER LANDRY B ENG48 M SC62
MRS W G LEACH B A46
HELEN R E LEAVITT B A45 M A49
J J MAURICE LECLAIR B SC49 M D51
MRS ROBERT C LEGGE B A51
EARL LERNER D D S63
A O LESLIE B A22 B SC(ENG)24
E A LESLIE B SC(ENG)16 L L D61
DANIEL LING M SC66 P H D68
JOHN B LIVINGSTONE
ROBERT LOVEDAY
MARTYN LOVEDAY
ROBERT E MACFARLANE M D61
A ROY MACLAREN B SC(ENG)23
LOUIS B MAGIL B ARCH36
MRS ROBERT B MAYER
GEORGE RONALD MCCALL B SC(ARTS)21 M D39
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EILEEN MCKYES DIP P E29
D ROSS MCMASTER B A30 B C L33
ELIZABETH B MCNAB B A41
A H MENDEL B ENG44
DUDLEY N MENDELS
S LEON MENDELSOHN B C L24
ROBERT D MIDGLEY M D60
MRS H A MILNE B A32
DAVID H MOLSON B ARCH52
RODNEY J MORRELL B ENG63 DIP MGMT71
DONALD D MOSSMAN B SC(ARTS)23
DAVID B PALL B SC36 P H D39
CHARLES FRANCIS PATTON
CHARLES H PETERS B A28 L L D74
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GEORGE S PETTY B COM54 DIP MGMT59
LAZARUS PHILLIPS B C L18 L L D65
CHARLES HUGH PIGOT B SC(ENG)26
WARD C PITFIELD B COM48
JANE M POLUD
RICHARD W POUND B COM62 B C L67
ALFRED POWIS B COM51
WILLIAM M PRUDHAM B A23 B SC(ENG)25
* ANTON P RANDAZZO M D32
JAMES B REDPATH B SC(ENG)31
ROBERT M RENNIE B COM48
MRS MICHAEL RIDDELL B COM61
W GORDON ROBERTS B COM32
H ROCKE ROBERTSON CC B SC32 M D36
MRS ANDRE ROSSINGER M S W51
WILLIAM S ROW B SC(ENG)27
LAURA ROWLES B A25 P H D28
W ROWLES M SC26 P H D28
NATHAN W RUBIN M D27
HERBERT C SALMON B A50 B C L53
MRS ARTHUR J SANTRY JR B SC47
LINDA S SCHENCK B SC72
JOHN M SCHOLES B ENG52
DAVID G SCOTT B COM32
CHARLES R SCRIVER B A51 M D55
JAMES M SHEA M D61
GEORGE A SIMPSON M D30
CHARLES E SMITH D D S70 P H D75
MRS H R STEACY B SC47
ELIZABETH A STEFFEN M D45
H ARNOLD STEINBERG B COM54
ROBERT W STEVENSON B A49 B D61
JAMES R STUART M D45 P H D57
MRS DOROTHY E SWALES B S A21 M SC(AGR)22
F RICHARD TERROUX B SC(ARTS)25 M SC26
ROBERT C THOM B SC53 M D55
A LLOYD THOMPSON P H D43
EDWARD L THOMPSON B COM48
MRS JOHN A TOLHURST B A33 M A34
LAURENCE C TOMBS B A24 M A26
J GILBERT TURNER M D32
P F VINEBERG M A36 B C L39
ROGER N VIOLETTE M D32
ROGER W WARREN COM55
ELIZABETH F WATSON DIP NUR56
COLIN W WEBSTER B A24
LORNE C WEBSTER B ENG50
RICHARD C WEBSTER B COM32
WILLIAM P WILDER B COM46
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H BRUCE WILLIAMS M D55
JAMES WILSON
HAROLD R C WRIGHT

The Principal's Associates
This Leadership Club recognizes donors of gifts between $500 and $999. Gifts from The Principal's Associates totalled $168,131, including gifts given anonymously.

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BERNARD M ALEXANDOR B A28 B C L31
CLIVE V ALLEN B A56 B C L59
GEORGE A ALLISON B A37 B C L40
LLOYD B ALMOND B SC(ENG)26
JOHN D ANDREW B COM49
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DAVID H APPEL B A62 B C L66
FRANCIS M ARCHIBALD B SC(ENG)23
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ELINOR M BARTLETT B A53 B L S59
JOHN BATES M B A78
NORMAN BECKOW B COM46
PAUL BEDOUKIAN B ENG36 P H D41
THEODORE S BEECHER B SC39 M D41
JOSEPH BENDER M D53
* ABRAHAM BENJAMIN D D S23
NORMAN W BENSON B ENG40
KENNETH C BENTLEY D D S58 M D62
MRS MURIEL BIEWALD B SC(P E)52
BRENDA L BIRKIN B SC67 M D71
MRS LLOYD W BIRMINGHAM M SC46 P H D49
LOUIS BIRO M D52
TREVOR H BISHOP B A54 B C L57
DAVID BLOOM B ENG35
JOHN BLUNDELL
DOUGLAS T BOURKE B ENG49
MRS DOUGLAS T BOURKE B A49
J ROBERT BOWEN M D45
HARRY M BOYCE B COM30
ROMAN BOYKO B COM60
SHIRLEY A BRADFORD B COM41
MARTIN A BRADLEY L L M62
* FREDERICK W BRADSHAW B SC(ENG)25
ALFRED J BRAGOLI B SC51 M D53
PAUL BRAIS B ENG49
DONALD D BRENNAN B ENG61 DIP MGMT70
WILLIAM G BRISSENDEN B ENG37 M ENG38
REA A BROWN M D62 M SC66
NORMAN E BROWN B SC48 M SC52
G COLIN BUCHAN M D58
ARTHUR G CAMPBELL B A38
LLOYD CARR-HARRIS B A51
MRS WILLIAM K E CARSWELL M S W69 M B A80
ALLAN V CASTLEDINE B COM48
ALISTAIR G CATTERSON B SC52 M D56
KIRTT K CHARAN P H D70
ROGER CHENG B ENG38
J C CHERNA
JOSEPH B CHERRY B SC42 M D43
DONALD L CHEW B SC66 M D70
STANLEY G CHRISTIE B SC49 M D53
ROSS T CLARKSON B C L48 L L D67
EDWARD G CLEATHER B A51
MRS AUDREY CLEGHORN
DORIS NUNES COLLINS M D44 M SC49
DAVID L COLLINS M D54
F T COLLINS B C L24
JEREMY C CROGGON B COM60
J M CRUIKSHANK M D25 DIP MED36
THOMAS R M DAVIS B C L72 L L B79
A JEAN DE GRANDPRE B C L43 L L D81
J A DE LALANNE B A19 L L D80
FELICE DE STEFANO
GUY R DECARIE B ENG48
FRANK T DENIS B ENG32 M SC33
DAPHNE F S DENTON M D53 DIP MED63
DONALD J DEWAR P H D40
J A DIXON B SC48
JOHN W DODDS B SC43 P H D49
C M DRURY B C L36
ROBERT L DUBEAU
TIMOTHY H DUNN B COM40
ELIZABETH G EDWARDS B A47
RUSSELL L EDWIN B SC50 M D54
A DOUGLAS ELLIOTT B ENG51
ROBERT W FAITH B A53 D D S58
JOHN B FELTNER M D37
BERNARD J FINESTONE B COM41
MRS MILLIE FISCHEL
MRS ALLAN J FLEMING
ROBERT P FLEMING B ARCH37
BARRY D FLETCHER M D61
ROBERT FLOOD B SC(AGR)35
R ARMOUR FORSE M D47 M SC50
A NORTON FRANCIS SC39
PHILIP B FRENCH B ENG34
SAMUEL FROMSON B ENG38
MARVIN B GAMEROFF B A53 B C L58
H GRAHAM GAMMELL B SC48
JEAN GARCEAU B COM54
A R GILLESPIE B COM30
W A T GILMOUR B SC(ENG)26
PHILIP GOLD M D61 P H D65
NORMAN J GOLDBERG B SC55 M D59
ALAN Z GOLDEN B C L62
JOHN H GOMERY B A53 B C L56
HAROLD M GORDON B ENG50
C ALLISON GRAHAM B ENG34
MICHAEL JOHN GREEN B ENG62
TASS G GRIVAKES B A54 B C L57
A LOUISE HALL B N61
JOHN M HALLWARD B A50
H GEORGE HAMPSON B A47 M A49
ABRAM B HANDELMAN D D S39
DEREK A HANSON B A54 B C L57
EDWARD T HARBERT B SC(ENG)23
PATRICIA M HARNEY B SC(AGR)50 P H D63
SEAN J HARRINGTON B C L68
MRS DENT HARRISON B A32
WILBUR J HART B A34 B ARCH40
WILLIAM HAYS M D64
ROBERT W HENWOOD B ENG33
LEWIS W HERSEY B SC52
ROBERT W HESLOP B SC(AGR)53
MARGARET C HIGGINSON B SC(ARTS)26
WILLIAM P HILLGARTNER
BETSY HIRST B A70
DAVID STANLEY HOLLETT M D77
EDWARD P HOOVER B A25
DORIS A HOWELL M D49
F S HOWES B SC(ENG)24 M SC26
PETER W HUTCHINS B A66
G MILLER HYDE B A26 B C L29
MRS NEIL B IVORY B A54
WILLIAM JAMES P H D57
RICHARD B JAMIESON M D42
WILLIAM E JAQUES M D42

*Deceased

KATHLEEN R JENKINS B A26
ANTHONY H JEW M D62
DAVID I JOHNSTON B C L57 L L M61
NEIL V JOHNSTON M D61
ROBERT VICTOR JOHNSTON B SC71 M D76
LESLIE K JONAS B SC56
DAVID PHILLIP JONES B A70
J KENDALL JONES M D56
PIERRE J JUTRAS B SC(AGR)51
HARRY N KANGLES B SC46 B COM48
HAROLD J KATZIN B ARCH65
E DUDLEY KEEVER M D53
ALBERT A KENWOOD B ENG49
KATHERINE D KETCHUM B A24 M D31
DANIEL KINGSTONE B A53 B C L56
MOHANDAS M KINI P H D60
JOHN G KIRKPATRICK B SC39 B C L42
E LEO KOLBER B A49 B C L52
ANDREW J KOVACS B SC66 M D68
MRS WENDELL H LAIDLEY B A64
W E LAMBERT
HOWARD J LANG B ENG35
JOHN A LANG B A37
MRS THOMAS A K LANGSTAFF B COM34
ELIZABETH C LATHEM M D50
ROBERT E J LAYTON B ENG47
MRS ROBERT E J LAYTON B A47
PAUL KUAI YU LEONG B COM81
JOHN M LITTLE M D61
A BRIAN LITTLE B A48 M D50
MRS JOHN B LIVINGSTONE B A60
MARVIN N LOUGHEED M D47
G DONALD LOVE B ENG50
CLAUDE LUSSIER B C L45 M C L46
DONALD J MACCANDLISH B ENG50
ALEXANDER S MACINNES P H D41
DAVID MACKENZIE B A48 B C L51
ALAN A MACNAUGHTON B A26 B C L29
MRS JOHN MAIER B A39 B L S39
PHILIP M MALOUF B ENG35
ROBERT H MARCHESSAULT P H D54
PATRICK J MARS B COM62 M B A65
HUGH G MARSHALL B ENG51
A IAN MATHESON B COM32
HARRY MAYEROVITCH B A30 B ARCH33
MRS J CRAIG MCCLELLAND M A38
NEIL W MCDERMID B ENG50
FRANK T MCDONNELL B ENG61
J IAN MCGIBBON B ENG51
STANLEY E MCGURK B ENG54
KENNETH G MCKAY B SC38 M SC39
MARJORIE F MCLAGGAN M A31
DONALD R MCROBIE B COM34
J F MEAKINS M D36
MICHAEL A MEIGHEN B A60
ROBERT M MELNIKOFF B SC54 M D58
O H E MIGHT M D25
WILLIAM I MILLER B C L53
MRS J W E MINGO B S W50
G H MONTGOMERY B A33 B C L36
M CEDRIC MOONEY B A32 M D36
R DUNCAN MORAN B SC67 D D S72
DAVID A MURPHY M D60
F LLOYD MUSSELLS B A40 M D44
HELEN R NEILSON B H S39 M SC(AGR)48
ROBERT NELSON
WALTER W NICHOL B A48 M D51
JOHN SCOTT NIXON B A32
WILLIAM E NORRISH B A38 B C L42
ROBERT S O'BRIEN B A51 B C L53
G O OBEMBE B ENG52
CHRISTOPHER O ORANYELI M SC(AGR)64
MRS ISOBEL OSWALD B A37 M A81
JAMES S PALMER B A48
BERNARD PANET-RAYMOND B ENG47
BRUNO J PATERAS B C L57
T J F PAVLASEK B ENG44 P H D58
J ALLAN PERHAM B ENG38
CHARLES H PERRAULT B ENG43 M ENG46
ISIDORE C POLLACK B A35
* MRS PHEBE G PRATT B L S39
JAMES D PRENTICE B SC51 M SC53
WILLIAM H PUGSLEY B COM34 P H D50
COLIN RAMSEY M D48
DUNBAR O C RAPIER B A50
EVANS B REID B SC37 P H D40
MICHAEL D RENNERT B SC61 D D S63
EDWARD RESNIK M D30
MICHAEL L RICHARDS B A60 B C L63
MRS R J RICHARDSON B SC52
RONALD T RILEY B ENG56
WILLIAM A RIVERS M D55
JAMES A ROBB B A51 B C L54
C JAIME ROBERTON B SC55
MRS FRANCES M ROBINSON B A25
ISADORE ROSENFELD B SC47 M D51
GORDON M ROSS B ENG55
JOHN ST C ROSS B ENG55
MRS WILLIAM K ROSS B A48
G MEREDITH ROUNTREE B A31 M A33
HERBERT B RUBIN B SC64 M D68
JOHN T RULON M D55
ANTHONY F SALVATORE B ENG49
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JOHN H SCHLOEN B ENG32
SEYMOUR SCHULICH B SC61 M B A65
DONNA G SEXSMITH M S W55
HERBERT M SHAYNE B COM47
DOUGLAS J SHELTINGA M D48
JAMES G SHETLER B A58 B C L61
KA CHUEN SHIN M D54
EDWARD J SHOIRY B C L74
DOUGLAS A SHORT B COM39
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MOREY L SIMON D D S23
C IRVING SLACK B SC(AGR)48
HARRY SMITH
ZOE B SMITH B A15
WILLIAM C SMYTH B ENG36

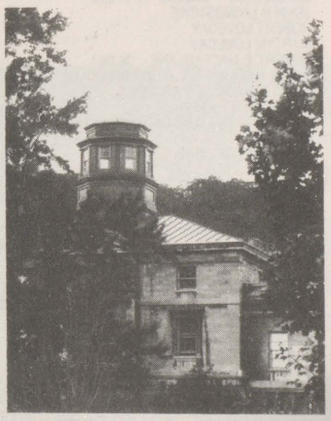
MRS DOROTHY SOROS B A23
NUNZIO MARIO SPINO B ENG73
TOR OSCAR STANGELAND B A50 B C L53
IVAN STANKOVIC D D S78
JAMES P STANLEY B ENG38
PAMELA D STEWART M A61
MALCOLM A TASCHEREAU B ENG53
RUSSELL F TAYLOR B SC47 M D50
CYNTHIA KATHLEEN TAYLOR B A77
MIRIAM H TEES B A44 M L S75
WILLIAM A TETLEY B A48
ALAN G THOMPSON M D43
DANIEL H TINGLEY B C L63 B A63
J M TRAINOR M D55
HILDA TREMBLETT B A49 M D55
CEDRIC E M TUOHY JR M D53
IAN N URQUHART B A70
NORMAN VAN WYCK B A30 M D35
MRS MAGTILDIS VANDERSTAP
INGRID M VICAS B SC70 M D76
ROBERT VOGEL M A54 P H D59
M LAIRD WATT B COM34
PETER W WEBSTER DIP AGR63
GEORGE W WESTON B COM51
BARBARA J WHITLEY B A40
ARTHUR WILKINSON B ENG33
JOHN P WILMSHURST B COM70
DONALD R WILSON M D39 DIP MED47
FRANK D WOLEVER B ENG43
EDWARD WOLSTEIN B SC(ARTS)28 M D32
WILLIAM EDWARD YVORCHUK

Gifts between $250 and $499

Gifts at this level totalled $160,743, including gifts given anonymously.

MONROE ABBEY LAW26
D C ABBOTT B C L21 L L D51
FRANCES E ABOUD M A70 P H D73
GEORGE K AJEMIAN D D S64
JAMES M ALEXANDER M D34
WILLIAM ALEXANDER
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H R ANGELL B S A25
MARK G APPEL B A65
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HAROLD H AUDET M D45
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K JEAN BAGGS B SC67 M D71
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HARVEY BARKUN B SC48
MRS STANLEY BARON B A51
J DOUGLAS BARRINGTON B COM64
A JOYCE BARWICK B SC46 M SC48
THOMAS C BATES M D62
MRS CLIVE L B BAXTER M A61
DONALD W BAXTER M SC53
M GLADYS BEAN B A40 DIP P E41
MRS JAMES ROBERT BEATTIE B A30 B L S31
SIDNEY J BECKER B ENG38
RICHARD S BELL D D S69
MIMI M BELMONTE B SC48 M D52
JACK BERMAN D D S54
JOSEPH BERNOTAS B A54 B C L57
MICHEL R BIENVENU D D S75
ROBERT J BIERSNER M A64 P H D66
MRS KERSTI BIRO B COM70 M B A77
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WESTON BLAKE JR M SC53
JOHN BLAND B ARCH33
ETHEL BLOCK B A16
JOHN E BOGUE B COM62
ROBERT S BOIRE B COM48
GEORGE BRABANT D D S52
WILLIAM E BRAISTED M D36
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JOHN E C BRIERLEY B C L59
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ROBERT J BRODRICK M D47
C KIRKLAND BROWN B ENG56 P H D63
CLIFFORD F BROWN B COM37
EDWIN J BROWN M D48
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RICHARD D BRUNNING M D59
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ROBERT L CALDER B ENG57
DAVID M CALDWELL JR M D52
DARRELL L CALKIN B SC(ENG)21
A RAE CAMPBELL B ENG64
CRAIG E CAMPBELL B SC71 M D75
BENJAMIN CAPLAN B A30 M A31
MRS BENJAMIN CAPLAN B A32

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TIMOTHY W CASGRAIN B A69
MRS STELLA CHARLESON B SC63
JEAN CHARTON B ENG47
LOUISE CHEVALIER B ENG74
SIMON W CHIASSON M D45
SIDNEY S CHIPMAN M D28
GEORGE CHRISTIE
NICOLAS CHRISTOU M D75 P H D80
WALLACE B CHUNG M D53
JOHN B CLAXTON B C L50
JOHN E CLEGHORN B COM62
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ARTHUR COHEN B A38 M D40
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MICHAEL J COLMAN B ENG57
WILLIAM R COOK B COM52
GERALD E COOPER B SC48 P H D53
ROSS M COOPER B ENG48 M ENG50
F CAMPBELL COPE B A24 B C L27
MRS E C CORISTINE B A41
GEORGE A COSLETT B ENG51
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MARY ROCHE COURTRIGHT B SC40 P H D44
PATRICIA COURTRIGHT B SC71
DANIEL F COWAN M D60
DAVID COWAN B A23
RICHARD S CRABBE P H D77
ROBERT E L CRAIG M D62
WILLIAM G CUMBERLAND B SC68
ALAN S CUNNINGHAM B COM48
PETER A CURRIE D D S75
MARIAN C CUSHING B A60 M D64
MICHAEL CYTRYNBAUM B A62 B C L65
E LESLIE DARRAGH B A44
JOHN T DAVIDSON B SC64 M D68
MRS MARY A DAVIDSON B A41
MARCELLE DE FREITAS B A43
ARMAND L C DE MESTRAL B C L66
MARC E DE WEVER B C L69
JOHN M DEALY
G DOUGLAS DENTON M D45 DIP MED51
GILBERT G DESNOYERS B ENG55
JOHN J DINAN M D34
DONALD G DOEHRING
EVERITT P DOLAN M D50
MAURICE DONGIER
JAMES N DOYLE B A37 B C L41
LANEY A DOYLE B N69
GORDON DRUKER B SC57
DWAYNE DUDGEON D D S75
P ARTHUR H DUFAYS B ENG63
C ALEX DUFF B SC37
DONNA N DUNCAN B L S62 M L S68
RUSSELL A DUNN B ENG38
DOUGLAS L DYKEMAN M D53
DAVID G EASTMAN M D51
WILLIAM J ECCLES B A49 P H D55
ROSS EDDY B C L76
PETER G EDGELL M D43 DIP MED50
BRYAN A EKREN D D S63
MAURICE J ELDER B SC42 M D43
MARTIN A ENTIN M SC42 M D45
LORNE FRANKLIN ERDILE B SC78
H MARTYN ESTALL B A30 M A31
FRANK PRIDHAM ESTEY B SC72 M D76
GERALD W FARNELL P H D57
JEAN H FAUROT M A40
MARY ANN FERGUSON B S W72 M S W73
O J FIRESTONE M A42
MORRIS J FISH B A59 B C L62
J GERALD FITZPATRICK B SC44
DAVID J FLAM B SC62 D D S66



MRS M A FLOWER B A39
L YVES FORTIER B C L58
JEAN-GUY FORTIN M D72
ERIC D FOSTER M D65 M SC71
ROY E FOSTER D D S68
ROBERT W FRANCIS M D68
A SCOTT FRASER B COM51
IAN H FRASER B A47
JAMES W FRASER B ENG47
NORMAND C GAGNON B ARCH56
RONALD E GALLAY B COM54
MARGARET I GARLICK B SC35
MICHAEL L GARMAISE B A60 B C L63
JEAN C GARNEAU B ENG53
W H GAUVIN B ENG41 P H D45
FRED H GENESEE M A70 P H D74
ROBERT E GIBBONS D D S63

JOAN C GILCHRIST B A37 B C L48
JOAN M GILCHRIST B N58 M SC(N)64
LYALL MACM GILLESPIE B COM47
PIERRE GLOOR P H D57
C R GLUBE B A52
MARY GOLUBEVA B S W50 M S W53
MRS JEAN E GOODERHAM B A33
HAROLD H GOODMAN B COM32
MRS MORTIMER GOODMAN B A32 M A35
NORMAN LUSBY GOODWIN M D47
JAMES A GRANT B A58 B C L61
WILLIAM T GRANT B COM34
ALEX S GRAYDON B A37 B C L49
RONALD MICHAEL GREAVES B SC74
MILTON GREENBERG M D28
M G GREENBLATT B A24 B C L27
HERBERT JOHN GREENIAUS B COM66
JOHN H GRISDALE B SC(AGR)49
PHILIP N GROSS B SC(ENG)26
NAOMI JACKSON GROVES B A33 M A35
ROBERT S GURD B SC48
JOHN W HACKNEY M D39 DIP MED48
H M HAGUE B C L21
ALFRED H D HAIBLEN B ENG46
THOMAS R HALE B SC47 M D49
JOHN A HALL B SC42 B ENG49
THOMAS M HAMBLIN B ENG65 M ENG74
E H P HAMILTON B SC(ARTS)27
J DAVID HAMMOCK B SC63
H ANTHONY HAMPSON B A50
MRS EDMUND A HANKIN B A34 DIP P E35
MRS JOAN HANNA B A35 M ED72
JOHN E HARBERT B ENG60
C GORDON HARRIS B ENG50
THORNLEY W HART COM37
ROBERT K HARWOOD ENG48
JAMES S HASEGAWA B SC56 D D S58
H CLIFFORD HATCH JR B A63
R S HAYDEN M D31
LILY HECHTMAN B SC63 M D67
ROY M L HEENAN B A57 B C L60
STEPHEN J HELLE B SC52 M D56
JOHN J HENEY B COM49
JAMES P HENNIGER B SC60 P H D65
MRS JAMES P HENNIGER B A62 M A65
LUCIUS T HILL JR M D58
DAVID Y HODGSON B COM48
* GEORGE R HODGSON ENG16
JEAN M HOLMES B F A52
MRS EDWARD P HOOVER B A34
W S HUNT B ENG36
C GRANT HUNTER B COM60 B A62
REED W HYDE B SC41 M D44
W FARRELL HYDE B COM54
A STUART HYNDMAN B A48 B C L52
RENALDO IADELUCA
J WILLIAM IBBOTT M D54
KOJI IIYAMA M SC72
GEORGE W ILOTT B ENG50
MORTON P ISRAEL B SC65 M D69
JOHN B JEWELL M D43
GEORGE E JOHNSON JR M D74
LOUIS G JOHNSON B SC35 M D39
J STUART JOHNSTON B ENG40
MRS M CARLYLE JOHNSTON B A50 M S W54
ROSE JOHNSTONE B SC50 P H D53
WILLIAM M JONES B SC52 M D54
A HUGH JOSEPH B SC(ARTS)20
J JOSEPHSON B ENG44
JEAN BAPTISTE JULIEN M A81
ROBERT S KADOWAKI B SC57 D D S63
GERHARD E KAUNAT B ENG54
RONAN KEARNEY
RALPH G KEEFER B COM40
MRS PATRICK J KEENAN B A54
LINDA JANE KELLEY B A76
JOHN P G KEMP B ENG48
E BRUCE KENNEDY B ENG70 D D S74
JOHN J KERR B ENG46
ESTHER W KERRY DIP S W30 M A39
LLOYD S KING
DOUGLAS G KINNEAR B SC48 M D52
ROYAL C KIRBY B A50 M D52
ALAN KIRSCHBERG B A28 M A29
STANLEY I KIVENKO B COM63
ERIC J KLINKHOFF B A72
FRANS K KONG B ENG80
OLEG S KOPYTOV B SC69 D D S73
SOLOMON M KOZOL D D S37
BARBARA PEAD KRAFT B A43 M D47
R G KURANOFF
MRS NICHOLAS P KWOK M ED72
WILLIAM T LAMBERT B ENG50
HAROLD B LANDE M A30 B C L33
ADELE DE G LANGUEDOC B A29
C PHILIP LARSON JR M D58
CHARLES P LARSON M D71
KIN WA HENRY LAU M ENG81
ELIZABETH V LAUTSCH M SC51 P H D53
RAYMOND D LE MOYNE B A56
RALPH S LEAVITT
CARL LEE B SC47 M D49
ROBERT S L LEUNG B SC66 M D70
RUSSELL A LEVE B SC69 D D S71
EDWARD D LEVINSON B SC49 M D53
SOLOMON LEVITES B A36
MRS SOLOMON LEVITES B A36
JEAN B LIBERTY B SC(H EC)60
MRS GORDON LIERSCH B L S33 S W58
J C LIKELY M D43
DOUGLAS M LINDSAY B SC51
J STEPHEN LIPPER B A63
EDWARD LLEWELLYN-THOMAS M D55
LEWIS E LLOYD B SC(AGR)48 P H D52
VICTOR K S LUI B SC67 M D71
SAMUEL LUKS B ENG55
HAROLD LYNGE M D49
PETER M MACCALLUM B ENG39

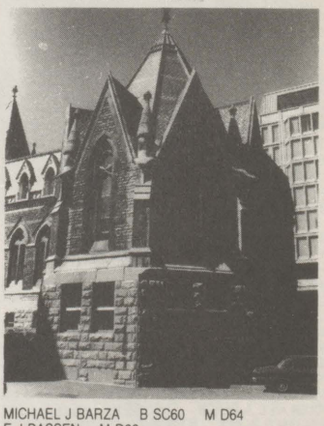
GORDON S MACDONALD B ARCH35
THOMAS D MACDONALD D D S71
DOUGLAS W MACEWAN M D52 DIP MED58
JOHN MACHADO B SC77
R DE WOLFE MACKAY M A29 B C L32
DAVID A MACKENZIE B SC60 M D64
JOHN C MACKIMMIE B SC50 M D52
MARGARET MACKINNON-SCHUTZ B SC51 M D53
ELEANOR A MACLEAN B SC67 M L S69
ALLISTER W MACLEOD B COM55
JAMES A MACMILLAN M D48
KEITH A MACMILLAN B SC(AGR)66 M SC(AGR)68
ANNE E MACNAUGHTON B A32
WILLIAM J MACPHERSON M D58
J ARTHUR MADILL B COM42
JALAL MAHDAVIAN
M BENNETT MARCUS M D49
WALTER MARKHAM B COM35
JOHN DE M MARLER B A29 B C L32
M R MARSHALL M D26
PETER D MARSHALL B SC(AGR)65
ROBERT EDWIN MARSHALL M D52
JEANNE G MARSOLAIS B A70 M A72
JOHN R MARTIN B SC44 M D45
DEREK H MATHER B COM54
WALTER MATHESON B SC(ENG)13
ALEXANDER MATZKO B SC47 M D51
BENJAMIN R MAXWELL M D38
WILLIAM MCCOUBREY B COM53
GEORGE MCDOUGALL B SC71 M B A76
JOHN WILLIAM MCDOWALL
ALEXANDER MCGREGOR B SC48
R L MCINTOSH P H D39 D SC72
GEOFFREY G MCKENZIE B COM52 C A55
ANSON R MCKIM B ENG57
JOSEPH C MCLELLAND
JOHN L MCNIVEN B COM41
ALAN LINDSAY MCPHERSON M D73
GEORGE V J MEAGHER B ENG42
DENIS MELANCON
EDWARD MENASHE B COM63
LISE MICHAUD
KEITH G MILLAR D D S68
KENNETH S MILLER B A40



ROY WATT MILLER B SC67 M SC73
MRS W O CHRISTOPHER MILLER B A53
FRED C MILLS M D56 M SC61
PETER M MILNER M SC50 P H D54
MRS ELEANOR MILTON B N71
DAVID MITCHELL
SHARON R MITCHELL B ED63
JAMES W MITCHENER B SC53 M D55
HARTLAND DE M MOLSON
STEPHEN T MOLSON B A63
ROBERT H MONTGOMERY B C L35
JOHN R MOORE M D41 DIP MED51
NORMAN D MORRISON JR M D34
MRS NORMAN MORRISON JR B SC33
THOMAS S MORSE B ENG36
CHRISTINA M MORTON B A24
CAMILLE MOUCHAWAR
ARTHUR E MUKOMELA M D57
DAVID E MUNDELL B ENG54
G ROSS MURPHY B SC53 M D57
A F NANCEKIVELL M D42
JOHN S NEWMAN B ENG50
LYNTON NGUI-KON-SUE D D S62
G RICHARD I NICHOLSON B SC61 D D S63
GRANVILLE H NICKERSON M D45 DIP MED50
JOHN A NOLAN B A34 B C L37
SALME NOMMIK M SC52 P H D57
JOHN L NORRIS M D31
EDWARD NORSWORTHY B ENG39
HAROLD A NORTON B ENG43
EDWARD G O'BRIEN M D52
JACK I O'HASHI M D64
RONALD OELBAUM B COM53
J R OGILVIE B SC(AGR)54
JOHN A OGILVY B A52 B C L55
JANICE OLIVER B COM63
PETER ONNO B ENG58 P H D65
PHILIP F OSLER B SC(ENG)24
THOMAS W OSTAPOVITCH B ENG75
PRABIR KUMAR PAL
HUGH D PALMER M D43
ALLAN A PARK B ENG49
JOHN WM PATRICK B A42 M D43
RONALD E PEARL B COM57
DAVID W PEAT B ENG50
ROBERT Z PERKINS M D47
ERNEST PERRY B SC42 P H D51
CHARLES W PETERS B A61
PERRY A PETERSON M D66
ROBERT I C PICARD B A31 M A32
JOHN M PIERCE B SC48
JOHN G PIESLEY B SC48
LEONARD PINSKY B SC56 M D60
ANNE MARIE PINTO M A72 P H D74
R JAMES PLANT B C L60
STANLEY K PLOTNICK B COM62
ERVIN PODGORSAK
RONALD S POTTS M D54
JOHN B QUINLAN B ENG62
DONALD O D RAMSDALE B ENG33
ROSE-MARIE RANCOURT CERT C ED75
GORDON A READ B ENG53
WILLIAM M REIM M B A68
LIONEL M REIMAN B SC64 M D68
DONALD RHODES B SC(ENG)28
GARY RICHARDS
MRS ERIC J RICHTER B A53 M L S76
WAYNE K RIDDELL B MUS60
MRS ROBERT M RIGGS B SC(N)64
GORDON S RITCHIE B COM41
* KENNETH S RITCHIE B A32 M D36
NOAH ROBBINS M D69
J A BRUCE ROBINSON B SC(P E)49 D D S53
STEVEN R ROESSLER B ENG59
CLAYTON J ROLFE B C L31
KEITH RONALD B SC(AGR)53 P H D58
BRAM ROSE M D33 P H D39
T F ROSE M D43 DIP MED50
* BERNARD L ROSENBERG B A39 M D43
CLARENCE ROSENHEK M D40
N PAUL ROSMAN B SC55 M D59
GAVIN ROSS
JOHN ROSTON B A76
AUGUSTIN ROY
DONALD W RUDDICK B A38 M D42
R BRUCE RUDDICK B SC38 M D44
AARON H RUDOLPH B SC44
DONNA R RUNNALLS B D64
EILEEN RUSSEL B A24
CARROLL A RUSSELL M D38
MORRIS SAMOTIS B COM54
JOHN WESTWOOD SANDISON
CARL S SAWYER M D39
GEORGE P SAYRE M D38
ALASTAIR G SCARTH B SC47 M D51
FRANK R SCOTT B C L27 L L D67
JESSIE BOYD SCRIVER M D22 D SC79
MRS J MARSHALL SEATH DIP P E17
WILLIAM M SEATH B ENG52
HAROLD N SEGALL M D20
LAURENCE SESSENWEIN B A24 B C L27
CHARLES E SHAPIRO M D22
GORDON R SHARWOOD B A53
ROBERT F SHAW CC B ENG33
DOUGLAS T SHAW B ENG42
RICHARD A SHAW B SC66
DAVID Y M SHEK B SC(ARCH)70 B ARCH71
WARNER F SHELDON M D37
MRS WARNER F SHELDON B A33
PETER W SHENON M D58
ROBERT WALLACE SHEPHERD M D76
BRYAN M SHIEMAN M D54
GEORGE ANTHONY SHUNOCK D D S65
HERBERT E SIBLIN B COM50
DANIEL SILVER B SC60 M D64
MELVIN O SIMPSON JR B ENG51
STEPHAN J SLESAR M D59
MRS MAEFORD SLOCOMBE
CHARLES J SMITH M A51 P H D54
THEODORE L SOURKES B SC39 M SC46
W W SOUTHAM B SC(ENG)30
COLIN A SPENCER B ENG48
VERA L SPENCER B N51
HERBERT O SPINDLER B COM52
MARIO SPINO B ENG47
D HUGH STARKEY B A27 M D31
HARRY STEIN B COM34
URSULA STEINER DIP NUR64
HARRY D STEVENS B SC48 M D50
H HEWARD STIKEMAN B A35 B C L38
PATRICK MCG STOKER B ARCH51
JOSEPH STRATFORD M D47 M SC51
WILLIAM N STRONACH B COM46
ROGER D STRONELL M D71
D'ALTON M SWIFT B ENG64
WILLIAM E TAFT B SC44
A SANDY TAMBOSSO D D S57
GENE D TANG M D59
PARR A TATE B SC46 M SC47
DUDLEY R TAYLOR B ENG37
JOHN H TAYLOR B ENG35
LAUGHLIN B TAYLOR M SC61
HERBERT H TEES B A33 B C L36
JOSEPH TELGARSKY
JACQUES TETRAULT B COM49 B C L52
JAMES C THACKRAY B SC46
RAYMOND C THOMAS B A51
SAMUEL F TILDEN JR B ENG45
TREVA M TILLEY DIP P E27
JOHN TODD
STUART R TOWNSEND B A29 M D33
FRANK M TRASLER B ENG48
MRS FRANK M TRASLER B SC48 P H D58
HARRY E TRENHOLME B COM48
FRANKLIN A TSAO B ENG57
LESLIE VADASZ B ENG61
LOUIS A VALENTE M D37
JOHN H VAN DE LEUV M D57
ROBERT B VAN WINCKLE D D S71
ZEEV VERED B ENG54
HERSCHEL VICTOR B COM44
EARLE J VINING B COM49
HUDSON H VIPOND B SC65
HAMILTON G WADMAN M D50
ALLEN S WAINBERG B SC57 D D S59
LOUIS J WAINER B A29 M D33
PETER D WALSH B A52 B C L55
MRS CYNTHIA G WARDWELL B A36
GORDON WATTERS
MRS L STUART WEBSTER B A38
R HOWARD WEBSTER B A31
I W WEINTRUB B SC48 M D52
WILLIAM F WELLER M D45
JOSEPH WENER M D41 M SC48
GEORGE E A WHELAN B A49 B C L52
WILLIAM H WHITE M D36
MICHAEL A WHITEHEAD
MRS HARRIS WHITTEMORE JR ARTS18
JOHN M WIGGETT B ENG42
MRS WILLIAM P WILDER B A51
DONALD BOYD WILLIAMS M D67
MRS HOWARD H WILLIAMS B A55
WILLIAM M WILLIAMS
ROLLA E WILSON M D53
CHARLES V WILSON P H D33
HENRY E WILSON M D37
PETER WILLIAM WILSON B SC78
RICHARD WILSON B COM24 L L D80
RALPH D WINSHIP B ENG54 M ENG57
RAY M WOOD M D54
FRANCES B WRIGHT B A52
JAMES W WYSE B SC(ENG)24
HARVEY YAROSKY B A55 B C L61
EDWIN HSUN KAO YEN D D S73
T KUE-HING YOUNG B SC69 M D73
L ZARIFI B ENG52
WOLF ZITZMANN
PAUL J A ZSOMBOR-MURRAY B ENG58 P H D71
RADOSLAV ZUK B ARCH56

Gifts between $100 and $249
Gifts at this level totalled $419,292, including gifts given anonymously.

KENNETH E AARON M D71 M SC71
ARTHUR ABBEY B SC(AGR)51
ROBERT LEE ABBEY D D S57
CHAIKER ABBIS B C L48
CHARLES W ABBOTT-SMITH B SC59 M D63
ARTHUR C ABBOTT B SC(ENG)26
JOHN A R ABBOTT B ENG57
DAVID PETER ABER B COM29
SAMUEL ABER B A35 M D40
* J W ABRAHAM D D S23
DAVID K ABRAMOWITZ B COM57
MRS MORTIMER ABRAMSKY B A55
C F DOUGLAS ACKMAN M D60 DIP MED67
MRS H ADAM B S W50
K ADAMOPOULOS D D S77
LEYLAND M ADAMS M D68
SHIRLEY R ADAMS B SC62 M D68
JAMES COWAN ADAMS B ENG75
JAMES R ADAMS B SC36 P H D40
DAVID ADDLEMAN B A66 M D70
ANTONIO ADELFIO L L M55
H ADELMAN
EDWARD I ADELSON B SC58
IRWIN ADELSON B COM53
MRS MONA S ADLY B SC75
NATHAN AGENSKY B ENG61
MRS M AGES B SC67
MRS MERIBAH AIKENS B A79
ALEXANDER R AIRD B A58
PETER J AIRD B COM49
MRS ALAN AITKEN B A34
GRAHAM C AITKEN
J R AITKEN M SC(AGR)47
RICHARD H ALBERT B SC66 D D S68
GEORGE ALEXANDER B COM41
S PAMELA ALLAN B N64
WM SINCLAIR ALLAN M D28
GARY WILLIAM ALLARDYCE B ENG74
A GIBSON ALLEN B A48 M D50
F MOYRA ALLEN B N48
JOHN C ALLEN B ENG49 DIP ED72
NORMAN T H ALLEN D D S64
MRS STANLEY V ALLEN B A34
W WARREN ALLMAND B C L57
MRS FEDERICO ALLODI B A51
HEINO ALTOSAAR
KISHORE S AMBE M D64
HAROLD D AMES M D47
ALLEN C AMOS B SC57
PAUL M AMOS B SC65
MRS CHRISTINA ANASTOPOULOS
RICHARD G ANDERSEN M D60
DUNCAN P ANDERSON B SC63 M D67
CATHERINE ANDERSON L L B72 B C L73
MRS G J ANDERSON B SC(H EC)48
LAWRENCE K ANDERSON B ENG57
MARGARET E ANDERSON M A65
WILLIAM JOHN ANDERSON B SC67 M SC(APP)70
DAVID C ANGELL M D55
JOHN V A ANGLIN M D53
WALTER W ANGLIN D D S44
HENRY F ANGUS B A11 L L D49
M G ANGUS
W DAVID ANGUS B C L62
JOHN C ANTLIFF B SC51
LEONARD P P APEDAILE B SC(AGR)60
EDWARD M APEN JR M D61
ERIC B APPLEBY B COM52
BERNARD ARCHAMBAULT
VIOLET B ARCHER L MUS34 B MUS36
WILLIAM L ARCHER B A49
V T ARCHIBALD M D43
THOMAS D ARKWRIGHT P H D74
D A ARMSTRONG B SC52 P H D55
MRS ELSEE R ARMSTRONG DIP NUR55
MILTON ARNOLD B COM47
A ARONOFF B SC45 M D49
MICHAEL D ARONSON B SC72 M B A77
KELLY J ARREY B ENG50
CORNELIA K ARRONET B A70
M ELIZABETH ARTHUR M A47 P H D49
MRS IRENE M ARTHURS B SC39
J A ARTO
MRS OLIVER RENDELL ARTON B H S42
MRS ASHLEY JEFFERSON ASHMELE B A56
ALFRED ASSALY B ENG46
CHAS ASSELIN D D S43
H S ASSELSTINE B SC42 M D43
MRS EDITH ASTON-MCCRIMMON DIP P T50 M SC(APP)80
MRS DEREK S ATKINSON B COM47
ELHAMY L ATTIA
PETER A M AULD M D52
JOHN S AUSTON B SC57 M SC(APP)59
MRS E AVRITH DIP P O T52
HAROLD E AYERS B COM28
DEREK H AYLEN B A53
PETER GORDON AYOUB B SC74 D D S80
JOHN O BAATZ B ENG62
HOWARD A BACAL B A54 M D58
CONSTANTINE BACH B ENG51
CHARLES BAILLIE
MRS DONALD C BAIN B H S39
E BARBARA BAIN B SC53 P H D65
GEO WM BAIN B SC(ENG)21 M SC23
MRS H G S BAIN DIP P E27
D C BAINBRIDGE
MRS DAVID R BAIRD DIP P T58
ROBERT L BAIRD B ENG49
ALLAN R BAKER B ENG59
JOHN L BAKER B COM47
SAM BAKER
LESTER BALDWIN B SC54
BENJAMIN W BALL
JOHN C BALL B SC42 M D49
ANASTASIA BALLOU B N71 M SC(N)73
ALEXANDER G BALOGH B ENG54
L BALTAS B ENG58 P H D67
MARCEL A BALTZAN B SC49 M D53
GEORGE PHILIP BANCROFT B SC75 M SC78
ARNOLD D BANFILL B C L40 B L S47
CHARLES R BANNON M D44
ALBERT F BANVILLE B COM78
WILLIAM J BARAKETT B SC67 M D71
RAYMOND BARAKETT B A55 B C L58
GILBERT A BARBER D D S30
G MELVIN BARCLAY B SC(AGR)64
JEAN M C BARDIN P H D72
CHARLES S BARKER B A28 M D32
HENRY A BARON M D28
MRS LEONARD BARRETT B SC42
PAUL RICHARD BARRETT B SC79
RICHARD E BARRETT B SC(ENG)26
JOSEPH R BARRIE
WALLACE A BARRIE B ENG61
L HOPE BARRINGTON B A29
AUGUSTINE L BARRY B ENG40
ALLEN E BARTLETT B COM52
FRED W BARTON M D48
KENNETH BARWICK B ENG52

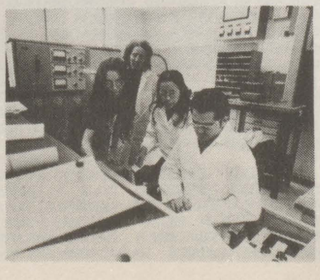


MICHAEL J BARZA B SC60 M D64
E J BASSEN M D22
ARTHUR F BATTISTA B SC43 M D44
HARRY MORIS BAUM D D S77
BERT E F BAUMAN B SC(ENG)27
ALICE J BAUMGART NUR64 M SC(N)64
ALDO BAUMGARTNER
JAMES D BAXTER M D47 M SC52
JOHN W M BAXTER M SC69 M D73
ROBERT BAXTER B SC33 M D38
MRS ROBERT BAXTER B A34
W J BAXTER M D29
J RONALD D BAYNE B A45 M D47
CHARLES M BEACH B A68
RUTH M BEACH B L S51
CHARLES B BEAMISH D D S58
RAHNO M BEAMISH NUR28
HARVEY E BEARDMORE B SC46 M D48
MRS HARVEY E BEARDMORE B A46
LAURENCE R BEATH B ENG35
EDMOND G BEATTY B SC48
LEON BEAUDIN B S A22

RICHARD BEAUDRY B ED(P E)79
MARK PATRICK BEAUREGARD B ENG75 M B A82
BRUCE H BECKER B COM46 C A54
LAVY M BECKER B A26
MICHAEL F A BECKERMANN B ENG61
RAYMOND J BEDARD D D S79
PETER E BEDFORD-JONES M SC60
JAMES F BEESLEY M D53
PAUL B BEESON M D33
JACQUES BELANGER B COM33
JEAN BELANGER B C L64
JOHN N BELL M D53
EDWARD S BELL B ENG54
MRS EDWARD S BELL B A54
FLORENCE M L BELL B A32
MRS ROBERT E BELL B A47 D LITT78
CLAUDETTE BELLEMARE B A70 B C L73
FRANCE BELLISLE B A76
PETER BENJAMIN B SC51 M D55
GERALD BENJAMIN B COM46
BRUCE G BENNET B COM49 DIP MGMT59
G FRANK BENNETT B SC(ENG)31
R DOUGLAS BENNETT B ENG32 P H D35
BRUCE M BENTON B SC55
ROBERT J BERCKMANS B SC70 M D76
D DANNY BERCOVITCH B A54 M D58
MRS MORRIS BERENSON B SC(H EC)52
BENNY BERGER B A57 B C L60
DAVID BERGER B C L75
IRVIN J BERGER B ARCH32
KEVIN BERGER B A80
RONALD L BERGER B A64 B C L67
MRS JOHN BERGERON B SC(H EC)53
LAWRENCE R BERGERON B ENG54 M B A77



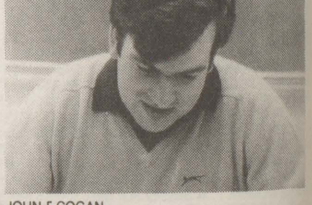
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CAMERON G BERRY B SC61
EDGAR POWELL BERRY
R STAVELEY BERRY B SC48 M D52
WILLIAM POWELL BERRY M D75
OSCAR BERUBE
GREGORY O BEST B A70
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MRS AUSTIN C BEUTEL B A58
BARRY BIBERMAN B A58 B C L62
JOHN A BICKLE M D29
BEN BIERBRIER B SC64 B C L67
JESSE E BIGELOW B A38
SERGE BIKADOROFF B SC54 M D58
RALPH BILEFSKY B SC57 M D61
JOHN C BINNEY B SC59 M D64
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JOSEPHINE N BIRD B SC49 M D53
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GERALD A BIRKS
H JONATHAN BIRKS B A67
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THOMAS M BIRKS B A68
MRS JOSEPH BISCH B L S53
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JOHN G L BISHOP B A50 B C L53
* GILBERT BISHOP B SC(ARTS)23
JACQUES G BISSON B ENG51
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MARTIN J BLACK B SC63 M D67
DOUGLAS E A BLACK D D S63
DUNCAN R BLACK B ENG50
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GAIL E BLACKWOOD B SC67
BARBARA-ANN BLAIR B A81
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MRS WM SUTHERLAND BLAIR B A42
ROY M S BLAKE B SC54 M D59
MRS ROBERT BLAKELY B A71
PAUL M BLANCHET B SC(ENG)30
HOWARD A BLANCHETTE B SC65 M D71
LIONEL J BLANSHAY B A61 B C L64
ANTON BLASKOVICH
MICHAEL A BLAU B SC64 D D S69
AARON BLAUER B ENG48
ANCEL U BLAUSTEIN M D48
GEORGE BLEIER B ENG59
JOHN W BLEMER M D30
J BENJAMIN BLOCK B ENG37
LAWRENCE S BLOOMBERG M B A65
WARREN T BLUME M D62
PETER R BLUNT B SC60 B D70
JOSEPH E BLUSTEIN B SC57 M D61
LEO M BLUTEAU B ENG50
MRS J D BOADWAY B A41
PHILIP DAVID BOBROW B ARCH60
THOMAS E BODY M B A68
MAURICE J BOIVIN M D58
EDWIN B BOLDREY M SC36
RICHARD A E BOLTON B SC60 M SC63
SARAH LOUISE BOLTON B SC65
GEORGE F BONDAR M D57
HUGH J BONNER M D37
BENJAMIN H BONNLANDER B SC53 M D59
ARTHUR BOORMAN
MICHAEL BOOTH M D72
WILLIAM H BOOTH B ENG58
GEORGE BORCHARD D D S45
HENRY BORDEN B A21
ROBERT R BORIGHT B SC41 M D44
MRS ROBERT R BORIGHT B SC(H EC)51
MRS LIONEL BORKAN
WALTER H BORLASE B ENG59
HERB H BORSUK D D S72
HAROLD NORMAN BORTS B SC66
CARLO G BOS B A41 M D43
MARK M BOSS B SC(AGR)44 M D49
MRS ALLEN PATERSON BOSWELL B A47
WILLIAM C BOSWELL B A50 M ED75
MRS GABOR BOTH M L S69
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JAMES ERNEST BOUCHARD M B A79
GEORGE G BOUKYDIS B COM44
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F MUNROE BOURNE B A31 M D37
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ROBERT H BOURNE B SC47 M D49
JOHN R BOUSFIELD
GEORGE ROBERT BOVELL B SC76
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DON BOYANER M D51
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DOUGLAS M BOYD B SC(AGR)67
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EDWARD J BOYLE M D54
W HOWARD BOYLES D D S41
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WESLEY H BRADLEY B C L37
MRS JAMES W BRADLEY B ED60
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THEODORE BRAMOS
E ARNOLD BRANCH M D20
KENNETH N R BRANDS B ENG40
REUBEN I BRASLOFF B ENG44
MRS I B BRAVERMAN B A49 M S W52
JOHN R BRAYNE B ENG50
ELIZABETH BREAKEY M SC76
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R LYLE BRENNAN B SC43 M D50
O W BRESKI
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PETER R BRIANT B A70
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JOHN F BRIDGEMAN M D57
MRS JAMES G BRIERLEY B A26 M A28
JEAN BRISSET B C L35
PIERRE M BRITT B ENG60 DIP MGMT74
C IAN BROADBENT B ENG52
HYMAN B BROCK B ENG46
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GEORGE N BRODERICK B A31 B C L34
C G BRODIE-BROCKWELL D D S48
MRS WILLIAM A BROIDY DIP S W21
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LINDA J BROWN B ED66
MRS THOMAS G BROWN B SC(P T)70
IRWIN BROWNS B A54
MRS IRWIN BROWNS B A59 M ED78
SEYMOUR BROWNSTEIN B SC61 M D65
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PHILIP BROWNSTEIN B SC52 D D S56
ARTHUR A BRUNEAU B A47 B C L49
MRS ARTHUR A BRUNEAU B SC46
IDA R BRUNEAU B A42
JOHN P BRUNSWICK M D60
EDWARD T BUCHANAN B SC(ENG)28



ISIDORE BUCHBINDER
S J BUCHSBAUM B SC52 M SC53
JOHN H BUDDEN B ENG37
EWART M BUDGELL B COM63
MARKUS BUKSBAUM
J THOMAS E BULGER M D77
HUGH BULLOCK
G RAPLEY BUNTING B ENG56
J PEARCE BUNTING B COM52
FREDERICK S BURBIDGE
PETER W BURGESS M D54
RALPH C BURGESS B SC(AGR)49 M SC(AGR)52
MRS JOHN BURLAND B SC(H EC)48
LAWRENCE D BURPEE B ENG57
L FRANK BURROWS B SC42
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WILLIAM B BURWELL B SC49 M D53
RAOUL C BUSER B ENG59
JOHN W BUTLER B ENG60 M B A77
H C BUTTERFIELD B A48
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WILLIAM B BUZAN B COM51
WARREN WILTON CABRAL B A82
* JOHN D CAGEORGE B SC35 M D44
ELIZABETH CAHILL M A66 P H D71
ROBERT P CAHN B ENG45
WILLIAM P CAINE B ENG57
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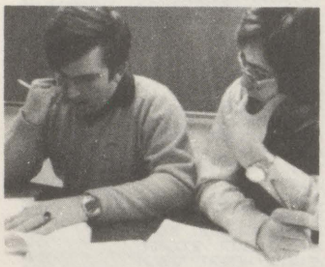
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R GILLIAN V CARGILL B N70
MRS ROBERT H CARLEY B SC45
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R BRUCE CARRICK B L S36
JOHN KINGMAN CARSLEY M D77
MRS JANE CARSON
ROBERT S CARSWELL B A60 B C L63
MRS DONALD C CASE B COM39
CHARLES A CASEY B SC60 D D S62
PETER C CASEY B C L65
ANDRE P CASGRAIN B C L49
REZIN CASHER
STANLEY CASSAN B SC58 M D62
JOSEPH E CASSAR B C L59
MRS ANNE SAUNDERS CASTLE B A79
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W MANSON CATTERSON B SC45
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J CHARLES CATY B COM63
WILLIAM S CAVE B SC49 M D51
MRS E ELIZABETH CAWDRON B H S36
TULLIO CEDRASCHI M B A68
OTTO M CEPELLA B ENG47
JOHN A CHADWICK M D65
JOHN T CHAFFEY M D64
MORTIMER CHAIKELSON B A64 B C L67
THOMAS W CHALLIS M D51
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JACQUES CHAMPAGNE
JAMES CHAN M D64
WING C CHAN B SC64
MIU C C CHAN B ENG71
TSI U CHU CHAN B ENG61
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VEDA R CHARROW B A67
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KE KUNG CHEN
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SYLVESTER S Y CHIU M D64 M SC65
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JAMES C W CHOW B SC66 M D70
BAK-CHIU ESMOND CHOW B ENG78
BRUCE CHOWN B A14
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CHRISTOS CHRISTOFIDES
VIVIAN H CHROM B SC54
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DAVID H K CHUI M D63
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DMYTRO CIPYWNYK M SC(APP)57
GEORGE P CITROME B SC67 D D S72
MARVIN CLAMEN B SC48 M D52
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W GROSVENOR CLOUGH B ENG36
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G ALAN COCKFIELD B ENG52 M B A78
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ERIC M COCKSHUTT B COM22
J EDWIN COFFEY M D52



JOHN F COGAN
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HOWARD COHEN B SC74
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E WENDELL COLDWELL B A32 B C L35

JOHN B COLE B ENG63
NORMAN W COLE B ENG61
WILLIAM R COLES B ENG51
MRS NATALIE A COLLINS B SC49
R VERNON COLPITTS M D44
LYNNE COLSON B SC75
CARMAN R COLWELL B COM56
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J P GERARD COMTOIS B ENG60
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PERCY E CORBETT B A13 D C L61
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ARMAND CORIAT
MRS CHARLES CORKIN M SC(APP)61 P H D64
W FREDERICK CORKRAN B ENG46
PIERRE CORMIER B ENG50
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WALTER COTTINGHAM B COM51
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WILLIAM J COULDWELL M D50
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GEORGE V COX B ENG56
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RUSSELL COX
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MICHAEL J CRIPTON D D S57
JEAN-PAUL R CRISTEL B SC(AGR)46
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H MORREY CROSS B ENG43
MRS GLORIA A CROTIN B N59
ALEXANDER C H CROWE B SC(AGR)63 M D67
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THOMAS R CSORBA M SC62 P H D66
IAN L CUBITT B SC(AGR)62
HUGO CUEVAS B ENG53
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ROBERT C CULLEY
MRS DAVID CULVER B SC47
E KEITH CUMMING B ENG44
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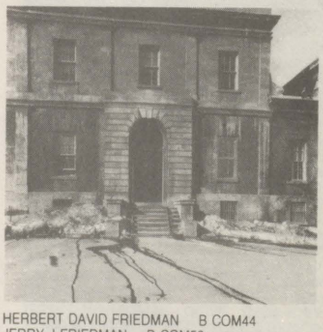
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ERIC A DE BOOR M ENG81
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SIDNEY A V DEANS B SC39 P H D42
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J DAVID DEJONG M D50
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ROGER DESERRES B COM37
DENNIS S DESKIN B ARCH59
MRS C A DESOER B SC52
MICHAEL FERNAND DESROCHERS B SC78
JEAN DEVAUX
I W DEVOE
JOAN DEVRIES M D45
BENJAMIN G W DEW M D61
JAMES P DEWAR B SC36 M D39
HARJIT DHILLON
MRS ANGELA DIACOVO
GENEROSA DIAMOLA B ED77
EDGAR D DIAZ D D S80
MRS ALLAN C DIBBLEE B SC(P E)48



J CAMPBELL DICKISON B A38 M D40
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JOSEPH DICKSTEIN B COM51
DONALD P DIDELIUS M D62
PETER DIGBY
BETTY DIKE B A32 M A37
F DIMMOCK B S A23 M S A26
MRS ROBERT A DINGWALL M S W66
WILFRID DINNICK JR B A61
MICHAEL E DIXON M D60 M SC63
THOMAS JULIAN DIXON B ENG73
DAVIN C DOBBIN B ENG32
ANTHONY R C DOBELL B SC49 M D51
JOSEPH F DOBRANSKI B ENG57
J ARTHUR DOBSON M D49
JOHN W DOBSON B COM49
R NESBITT DOBSON B ENG35
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SUSAN DODDS-HEBRON B A79
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CLEVELAND E DODGE JR
DANIEL DOHENY B A39 B C L47
RONALD P DOIG B SC60 P H D64
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JACOB DOLID M SC(AGR)21 P H D23
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A BURKE DORAN B A58
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BARBARA M DRURY B A69
L ANNE DRURY B A42
J H EDWARD DUBOIS B COM32
HARRY I DUBOW B SC54 M D58

GERALDINE A DUBRULE B SC(P E)57
W MOSSMAN DUBRULE B A27
CAMERON F DUFF B ENG40
E C DUFF B SC(ENG)22
JAMES A DUFF
JAMES C DUFFIELD B SC54
LOYOLA I DUFFY D D S37
JEAN-PAUL DUFOUR B C L58
ALAN T DUGUID B SC75
MARILYN DUMARESQ B SC(N)68
JOHN G DUNN B COM57
LEO J DUNN B SC49
PAUL J DUNN
MRS TIMOTHY H DUNN ARTS45
MRS W H S DUNN S W41
GERALD J DUNNE B ENG44
E AENID DUNTON B A47 M D49
HENRY B DUROST M D50 DIP MED55
MRS MARIO DUSCHENES B A50 M P S52
J J DUSSAULT B ENG47
R F DUSTON B ENG52
RICHARD S DUTTON M D63
FRANK S EADIE B SC45 P H D52
R KENNETH EADIE B SC42 B ENG47
F C EAGLESHAM M D36
ARTHUR P EARLE B ENG49
MRS NORA J EARLE B N70
STEPHEN M EARLE D D S76
ERICA L EASON M D79
EDMOND G EBERTS B SC60
ARNOLD J ECHENBERG B COM57
DONALD ISRAEL ECHENBERG B SC71 M D76
GEORGE ECONOMO B A72 M D76
DAVID S EDELBERG B ENG63
RALPH S EDMISON D D S43
ROBERT H EDMISON D D S68
R M EDMONDS
HUGH HARRISON EDMUNDS
DE IRDRE M EDWARD
DOUGLAS F EDWARDS B SC(AGR)52
FRANK J EDWARDS M D43
MURRAY A EDWORTHY M D51
NICHOLAS EHRENFELD D D S54
MARTIN EIDINGER B SC51 D D S53
MRS MARTIN EIDINGER B SC51 M SC(APP)72
HARRY B EISBERG M D40
JOHN M ELDER B SC49 M D51
MRS JOHN M ELDER B A46 B L S47
ROBIN H ELEY B COM80
MILTON ELIASOPH B ARCH32
ERIC H W ELKINGTON M D18
R BARRY ELLIOTT B ENG39
MRS R FRASER ELLIOTT B A50
BARTON S ELLIS B COM47
C DOUGLAS ELLIS B A44 P H D54
ARCHIBALD D ELLISON
LESLIE T ELLYETT B COM36
ARTHUR R ELVIDGE M D24 P H D27
EDWARD C ELWOOD B A35
ASHTON EMERSON M D40
JOHN R EMERY D D S76 M SC79
J VERNON EMORY B COM38
LESLIE H C EMSDEN M D52
MILTON ENGEL
W KING ENGEL M D55
STANLEY F ENGLISH B A57 B C L60
SEYMOUR EPSTEIN B ENG62
RALPH F ERIAN B SC76
PAOLO ERMACORA B ENG78
G W ERSKINE SC33
RALPH H ESTEY B SC(AGR)51 P H D56
ROBERTO L ESTRADA B SC42 M D43
ALLEN ETCOVITCH B SC60 M SC(APP)63
ERIC BERTRAM EVANS B A72
MICHAEL W EVANS B ENG71
RICHARD W W EVANS B SC(AGR)55
MRS WILLIAM EVANS
HARRY H EVERETT M D42
C FRED EVERETT B SC(AGR)48
MRS C FRED EVERETT B SC(H EC)48
MRS HARRY H EVERETT ARTS42
ROBERT MCD EVERSON B A47
WILLIAM K FALLS B SC35
HENRY F FANCY M D45
MICHAEL E FARLEY
MICHAEL A FARRUGIA B ENG65 M B A68
J HUGH FAULKNER B A56
ANNA J FAUST DIP S W35
WILLIAM E FEARN B COM65
MRS ABIGAIL P FEARON B A57
HAZEL R FEE B ED78
RICHARD FEIDLER
H ERIC FEIGELSON B A29
MARK JOEL FELDMAN B COM67 B C L70
ROBERT E FELLOWS JR M D59
BARBARA R FELLOWS M D54
EDWARD ARNOLD FELLOWS D D S62
WARREN ALAN FELSON B ENG73
MRS D S FENSOM B MUS29
JOHN D FENWICK B SC56 D D S58
CHARLOTTE I FERENCZ B SC44 M D45
CHARLES A FERGUSON M D57
ELDON FERGUSON
JAMES B FERGUSON B ENG35
ROBERT M FERGUSON B ENG51
ILAY C FERRIER B COM48
YOLANDE FERRON B A81
STEN E FERSING D D S66
MRS FRANK FIDLER DIP S W30 M A32
ALLAN GEORGE FIELDING M D80
KENNETH C FINCHAM B COM50
DONALD U FINDLAY B ENG51
RONALD F FINDLAY B COM55
MRS ALAN H FINESTONE B SC47
N R T FINK M D53
HARRY FINKELSTEIN B SC42 B COM44
MICHAEL F FINKELSTEIN B SC61

WILLIAM E FINKELSTEIN B SC39 M D41
MRS MARY FINLAY M L S72
MRS D ARCHIBALD FINLAYSON B H S35
M ALISON FINNEMORE B A46 B L S47
PHYLLIS FISCHER M D55
MICHAEL J S FISH B ARCH56
MRS MICHAEL J S FISH B A56 M S W59
MRS MORRIS J FISH B A65 M ED82
R EDWARD FISHER B A47
GARRY F FITZPATRICK M D65
LOUIS F FITZPATRICK B ENG43
DAVID H FLAHERTY B A62
JOHN J FLAHIVE M D48
JAMES TERENCE FLANAGAN D D S82
MICHAEL E FLANDERS B SC66 M D70
LEONARD W FLANZ B A61 B C L64
GEORGE G FLATER B ENG50
HARRY B FLEMING D D S49
IAN N FLEMING B COM47
MRS IAN N FLEMING B COM47
RONALD A FLEMING B COM63
JOHN D FLINTOFT B ENG51
MORTON FLOM B ENG49
EDWARD FLOMEN
NICHOLAS J FODOR
PETER H FOKSCHANER B ENG46
WILLIAM WING-CHEUNG FONG B COM72
WM HINN FONG B SC(ENG)28
OTTO L FORCHHEIMER B SC47
R M FORD
ROBERT FORD B SC(ENG)22
ALASTAIR D FORDYCE B SC71
CLAIRE FOREST
OTTO L FORGACS P H D59
CLEMENT FORTIN B COM45
EUGENE J FORTIN B COM70
GUY FORTIN B SC72 B C L76
ROBERT A FORTUINE M D60
CHRIS JONATHAN FOSSE M B A72
RODERICK C FOSTER B COM53
JOHN B FOTHERINGHAM B SC52 M D54
BARBARA EVELYN FOWLER B ED72
ALLAN FRANCIS
STEPHEN F FRANCIS B SC65 M B A82
LEOPOLD FRANCOEUR B COM49
FRANK L FRANI D D S59
ELEANOR FRANK-SILVER B A54 M S W56
GERALD FRANK B SC45
HERBERT B FRANKENBERG B L S61 M L S73
SAMUEL B FRANKLIN B COM23
GEORGE W FRANKS
SUZANNE M FRAPPIER B A76
MRS SHEILA FRASER-GAGNON B COM72
CLARICE B FRASER B A24
DAVID C FRASER B SC49 M D51
DAVID R FRASER B A38 M A39
J RAMSEY FRASER B COM34
OSWALD L K FRASER B SC(AGR)48
WILLIAM M FRASER D D S62
ARTHUR N FREEDMAN M D55 M SC58
DANIEL FREEDMAN
JAMES H FREEMAN M D59
JEFFERSON FREEMAN
MARY C FREEMAN B H S41
DONALD H FRENCH B SC54
GEORGE P FRENCH D D S52
FRANK FRENETTE
SAUL FRENKIEL B SC67 M D71

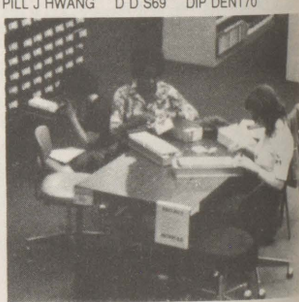


HERBERT DAVID FRIEDMAN B COM44
JERRY J FRIEDMAN B COM53
MARK I FRIEDMAN B COM64
PHILIP FRIEDMAN B COM58
SYDNEY FRIEDMAN M D40 P H D46
MADELEINE A FRITZ B A19
TAK FUJIMAGARI B SC52 M D56
MRS G LLOYD FULFORD DIP S W30 M A30
JOHN A FULLER B COM50
PETER C FULLER B ENG39
DOUGLAS H FULLERTON B COM39 M COM40
MRS FRASER F FULTON B H S27
DANIEL FUNDERBURK M D56
EDWARD J FURCHA B D63
JAMES T FYLES
THOMAS G FYSHE B A31 M D36
E PETER GABOR M D59 M SC64
ANTHONY GABRIEL
MRS HELENE GAGNE B C L71
MRS JOAN GAGNE
EDWARD GAIOTTI B ENG76
JOHN S GALE M D47
MRS JUDITH GALLANT-RODRIGUE B SC(AGR)72 DIP ED80
HENRY M GALLAY B A60 M D65
A HARRY GALLEY B COM24
JOHN H GALLOWAY B A60
MRS T M GALT B A42
AMY GALVIN B A75 M B A77

FRED GAMBLE B ENG34
PHILIP C GAMPEL B SC66 D D S70
JOHN W GAMWELL M D63
JOSEPH M GANNON M D35
MAURITS GANS
NATHAN GANS B ENG45
DONALD S GARDNER B SC(AGR)52
JAMES E GARDNER COM33
MARSHA L GARDNER B A68
RICHARD GAREAU B COM52
U PAUL F GAREAU B SC49 M D53
ABRAHAM L GARELLEK D D S61
AVRAM H GARMAISE B COM40
MRS EDITH-ANN GARNEAU
RAINIERI DOMENICO GAROFALO B ENG72
PHILIPPE C GASCON B COM68
IVAN G GASOI B SC65 D D S69
ROLF GASSER DIP AGR56
MRS R H GAULT B SC(PO T)54
MRS RICHARD H GAUNT B SC53
WILLIAM H GAVSIE M D27
JOSEPH BRUCE GECIUS B ENG79
DURWARD BELMONT GEFFKEN
PETER H S GEGGIE M D66
MORRIE M GELFAND B SC45 M D50
KENNETH R GEMMELL B A35
JAMES THOMAS GENDRON B SC(AGR)74
LEO J H GENDRON B ENG63
GERARD GENEREUX
DAVID E GENSER B A62
JOSEPH R GERACE M D47
MAURICE A GERARD B SC(AGR)53
RICHARD MICHAEL GERGOVICH B SC71 M D77
GUY GERIN-LAJOIE B ARCH56
LYNN B GEROW M D67
PIERRE GFELLER M D80
FRED G GHANTOUS B COM54
JULIAN F GIACOMELLI B SC63 D D S65
GUIDO GIANFRANCESCHI M D48
NICK GIANNONE
ROBERTSON M GIBB B ENG40
JEROME GIBLON
J A GIBSON D D S51
MIRIAM L GIBSON CERT NUR27
ROBERT H GIBSON B A66
GORDON L GILBERT M D37
EDWIN G GILES JR B SC(AGR)66
DOROTHY R GILL DIP NUR43
ROBERT J GILL B ENG48 DIP MGMT65
R HAMPSON GILLEAN B SC(ARTS)28
MRS R HAMPSON GILLEAN B A36
ALASTAIR GILLESPIE COM47 B COM75
KATE M GILLESPIE B A21
THOMAS S GILLESPIE B A59 B C L63
PETER G GILLETT M D63
MRS PAULA GILLETT
C S GILLIATT B SC(AGR)47
DEIRDRE M GILLIES DIP MED55
ELIZABETH GILLIES M A41
LUCIUS GILMAN P H D36
BARRY W GILMORE D D S67
FRANK GIOELI
BRUCE GARY GIRARD B A76 B SC79
G RALPH GIRVAN M D36
SAMUEL A GITTERMAN B ARCH35
WILLIAM R GLADSTONE M D52
PETER B GLASSFORD B COM54
MRS WILLIAM B GLECKMAN
MRS ALEXANDER F GLEN DIP P E26
HARRY GLICK B SC58 M D62
HYMAN GLICK M D65 M SC66
IRWIN GLICKMAN M SC45 M D49
JAN GLUCH
GABRIEL GLUCK B SC68 M D72
HENRIETTE GNAEDINGER DIP P E17
P E GNAEDINGER ENG22
RICHARD O GODE M D60
MRS RICHARD O GODE B A60
ELLIOT GODEL B COM50
MORRIS GODEL B SC54
ROBERT P GODIN B C L62
MORTON R GODINE B A38 M A39
SAMUEL GODINSKY B A27 B C L30
JOHN PHILIP GOFTON M D50
ALAN B GOLD
ALLEN GOLD M D42 M SC48
MRS ALLEN GOLD B A43
JACK A GOLD
SIMON GOLD M D40 M SC45
RICHARD B GOLDBLOOM B SC45 M D49
MRS HARVEY GOLDEN B A31
H CARL GOLDENBERG B C L32 L L D66
EDWARD S GOLDENBERG M A71 B C L74
MRS H CARL GOLDENBERG B A44 M A66
ROBERT W GOLDIE B ENG51
LEWIS H GOLDMAN B A62
WILLIAM J GOLDSMITH B SC67 M D71
MARVIN GOLDSMITH B COM55
MRS CHARLES H GOLDSTEIN DIP S W30
MAURICE S GOLDSTEIN B SC45 M D47
NORMAN JOSEPH GOLDSTEIN B SC75
ROSE GOLDSTEIN B SC75 M D79
YOINE J GOLDSTEIN B A55 B C L58
MYER GOLFMAN B A31 M D36
GEORGINA GONSALVES
MRS GEORGE D GOODFELLOW DIP MGMT35
LAWRENCE GOODFRIEND B SC44 P H D61
ROBERT J GOODLAND B SC63 P H D69
WOLFE GOODMAN
MARTIN B GOODWIN M D48
MURRAY GOODZ B ARCH64
ALAN GORDON
CAMPBELL GORDON
MRS DONALD GORDON B A43
ELIZABETH M GORDON B A68
HAROLD P GORDON B COM58 B C L64
LOUIS GORDON B ENG58
NEWTON C GORDON B SC66 D D S70
RICHARD GORDON B COM67
GERALD V GORESKY B SC68 M D72
WILLIAM GOSSAGE B A49 M D53
GORDON J GOSSELIN B COM49
KURT GOTTFRIED B ENG51 M SC53
MRS KURT GOTTFRIED B A55
ROBERT GOTTSCHALK B SC(ENG)31
JACQUES R GOUDREAU B ENG51
DAVID H GOULD B A54 M D58
KEITH P GOULD B ENG48
DOUGLAS H GRAHAM B SC63 M D69
J WALLACE GRAHAM M D60
MARY F GRAHAM M D69
FRANK A GRAINGER M D43 DIP MED57
WILLIAM A GRANT B A42 B C L48
JANET LESLIE GRANT B A74
WILLIAM J GRANT B ENG40
MRS WILLIAM J GRANT B A44
O A GRATIAS M B A75
JAMES B GRATIOT M D72
COLIN A GRAVENOR JR B A64 B C L67
R H GRAVES D D S43
E D GRAY-DONALD B SC(ENG)26
DONALD A GRAY B SC(ENG)25
JOHN H GRAY B ENG52
C GREEN
MORRIS GREENBAUM B ARCH60



BENJAMIN J GREENBERG B A54 B C L57
MRS HENRY W GREENBERG B A31
MITCHELL S GREENBERG B A70 B C L81
SAM GREENBERG B ENG56
SELMA J GREENBERG B A71
MRS D J GREENE B L S48
SAUL GREENFIELD B COM48
TEDDY T GREENFIELD B COM54
MRS PENELOPE GREENLER B ED(P E)72
FRED A GREENWOOD B SC50 M D54
J E D GREENWOOD B COM48
KEMBLE GREENWOOD
DONALD F GREER B COM57
NAN V GREGG B L S36
H DAVID J GREGORY B C L57
JACK GREGORY B ENG34
RONALD GRETI M SC(APP)78 B SC80
JULIUS H GREY B C L71 M A73
DAVID D E GRIER B A53
WILLIAM J GRIER B COM55
MRS LOUISE GRIFFITH
G A GRIMSON B COM25
SIMPSON V GRISDALE B ENG36
ARNOLD J GROLEAU B SC(ENG)28
MARTIN GROSS
HARVEY GROSSMAN B A51
RONALD A GROSSMAN B SC57 D D S59
KNUT GROTTEROD B ENG49
ERNEST H GRUBB M D48
PETER H GRUNER M D59
NERI P GUADAGNI B A38 M D42
ROBERT D GUALTIERI B A57
G RICHARD GUERETTE B COM54
T IVAN GUILBOARD D D S36
GEORGE C GUILLON B SC68
YVES J GUISAN M SC71
ARSHAVIR GUNDJIAN
CHARLES S GURD B SC38
MRS DAVID S GURD B A33
FRASER N GURD B A34 M D39
I TORRENCE GURMAN B SC(ENG)22
ROMAN GUT M D72
A DEREK GUTHRIE B A57 B C L60
DAVID G GUTHRIE B SC43 M D44
JOHN E GUTHRIE B SC50 M SC55
FRANK M GUTTMAN B SC52
JEAN M GWYNNE B A27
MRS ELKE E HAAS B SC(N)65
JAMES H HABEGGER M D64
JOHN F HALDIMAND B COM47
MRS A F HALE B A21 P H D35
BURT B HALE B SC47 M D49
JOHN H HALE
JOHN E HALL M D52
GEORGE W HALL B C L37
C DENIS HALL B ENG60
DAVID L HALL B SC69 M D77
H BRIAN HALL B ARCH59
MRS GEORGE C HALLIDAY B A26
KENNETH HALLSWORTH B SC36
HUGH G HALLWARD B A51
EARL S HALTRECHT B SC67 D D S69
ELIE HAMBURG
DOUGLAS ERWIN HAMILTON D D S81
ERIC L HAMILTON B COM34
FREDERICK W HAMILTON B COM29
HUGH A HAMILTON B SC49 P H D53
* MRS HUGH A HAMILTON B SC48
WILLIAM M HAMILTON B COM47
JOHN MELVIN HAMMEL B ENG57
DAVID IAN HAMMOND M D72
DAVID HAMOVITCH
ALLEN J HANLEY B ENG51
MRS HELEN BUDD HANNA M A75
NEIL I HANNA B SC(AGR)53 D D S64
DAVID C HANNAFORD
MATTHEW S HANNON B C L50
A GEORGE HANSON M D35
ANGUS A HANSON M SC(AGR)46
MRS ANGUS A HANSON B SC(H EC)46 M SC(AGR)48
PAUL P HARASIMOWICZ D D S61
JAMES P HARDING
MRS DONALD HARE B SC52
MRS THOS HARKNESS B A14 M SC16
GORDON G HARLEY B ENG41
HOWARD M HARRIS M D55
DONALD G HARRIS M D55
FRANK H HARRIS B ENG60
JOHN G HARRIS B ENG71
RICHARD C HARRIS B A22 M A24
MRS SIMON HARRIS B A45 B S W48
THOMAS E HARRIS B ENG50
LAWRENCE ELLIOT HARRISON
ROBERT WM HARRISON
CHARLES M HART B SC65
CHRISTOPHER C HART B ENG56
RICHARD M HART B A65
RONALD D HART B SC71 M D75
STEPHEN D HART B C L70
J WARREN HARTHORNE M D57
E FRED HARTWICK B ENG38
DONALD F HARVEY M D60
DENIS HARVEY B S A34
JEAN E HARVIE B A35 M A36
T A HARVIE B ENG41
JOOST HARWIG B SC(AGR)63 P H D68
MICHAEL A HASLEY B A62
MRS DON C HATT B A33
PER T HAUGESTAD M A59
THOMAS J HAUGHTON B SC32 M D35
MRS HUGH E HAVEN JR B A54
LLOYD S HAWBOLDT B SC(AGR)38 M SC(AGR)46
ROMA Z HAWIRKO M SC49 P H D51
MRS GEORGE HAYTHORNE B A33
CHARLES G HAYWARD B ENG51
JAMES F HEAL
JOHN D HEAMAN B ENG33
R E HEARTZ B SC(ENG)17
E SHELDON HEATH B SC53 M D57
MRS L B HEATH B COM51
JEAN-GUY HEBERT B SC71
SOL S HECHT B COM32
JAMES L HEFFERNAN M D51
MELVYN HEFT B COM53 D D S60
IRVING H HELLER M D50 P H D62
JOHN G HELLSTROM B SC50 M D54
CRAMPTON H HELMS M D58
ANN E HENDERSON B N70
ARTHUR A M HENDERSON B SC(P E)48
MRS ARTHUR T HENDERSON DIP P E27
DOUGLAS G HENDERSON B SC(AGR)42
MRS IAN W D HENDERSON B N61 M SC(N)67
JOHN M HENDERSON B SC40
KATHARINE HENDERSON B SC(P T)76
ROWLAND E HENDERSON B A33 M D38
LEO HENDLISZ
KENNETH R HENERY-LOGAN B SC42 P H D46
ELWOOD HENNEMAN M D43
JOHN F HENNESSEY M D53
ROSS A C HENRY B C L49
GEORGE L HENTHORN B COM49
JAMES H HENWOOD B A66
J A LYONE HEPPNER
MARTIN D HEPPNER B A71
AGNES M HERD B N66 M SC(N)72
LAWRENCE T HERMAN B SC68
PETER HERMAN B A81
STEVEN HERMAN B SC68 M D72
ARNOLD JOHN HERON
E MELVYN HERSHENFIELD B SC63 D D S65
MRS CHARLES HERSHORN B A30
R W HERZER M SC35
MRS HAROLD G HESLER B COM27
MATTHEW L HESS B ENG64
STEPHEN S HESSIAN B ENG57
E PETER HEYBROEK B COM46
PAUL HEYMAN
D RONALD HICKEY B ENG50 B SC63
* A R HICKS M D43
CAROLINE B HICKS B A37 B L S38
MRS H BRODIE HICKS B A32
RAYMOND F HIGGINS M D37
HOWARD A HIGGINSON B COM49
CHAN SENG HII B ENG79
ALLAN C HILL M SC27 P H D29
OLIVE MARY HILL B A31 M A33
SARA W HILL B A25
W H PHILIP HILL B A30 M D34
THOMAS A HILLMAN M L S69
MRS THOMAS A HILLMAN M L S69
JAMES H B HILTON M D38
E J HINCHEY M SC63
ROBERT P HINDS M SC(AGR)71 M B A79
GEORGE G HINTON B SC51 M D55
LUCIEN HIRSCH M D35
ALEXANDER S HLEDIN D D S67
LOUIS C HO B ENG61
RONALD S HO M A74
WALTER HODDER B SC48
BERNARD G HODGE B SC(AGR)50
DAVID M HODGES B SC64 D D S69
ALLAN A HODGSON B A58
ERNEST W B HOEN P H D63
JOAN EAKIN HOFFMANN B A70 P H D80
MARY HELENE HOGAN
GEORGE H HOLLAND B COM49
HARVEY HOLLINGER M D52 M SC58
H L B HOLLINGSWORTH B COM32
REGINALD HOLLIS B D56
ROBERT W HOLMES B ENG41
STANLEY W HOLMES B SC49 M SC50
DONALD E HOLNESS B SC(AGR)61 M SC(AGR)63
G ANTHONY HOLT M D69
ALAN B HOOD M D56
JENNIFER C A HOOKER B SC69
W WAYNE HOOPER M D75
WILLIAM TEMPLE HOOPER B SC44 M D45
MARGARET E HOOTON M SC(N)66
G L HOPKINS B ENG52
STANLEY M HOPMEYER B COM59
* ISYDORE HORN
DOUGLAS H HORNER B SC50
MRS MARTIN L HORNSTEIN DIP P O T53
GEORGE F HOROWITZ
ISADORE HOROWITZ M D62 M SC71
W GRANT HORSEY B COM38
JAMES F HORWOOD M SC33 P H D35
MRS JAMES F HORWOOD B A33
NABIL HOSSARI B ENG79
JOHN R HOUGHTON B ENG35
T WALTER HOUGHTON B ENG32
JAMES HOUSLEY
MRS SHELAGH HOUSTON
KENNETH S HOWARD B A46 B C L49
GORDON T HOWARD B COM36
R PALMER HOWARD M D37 M SC47
ROGERS VANDEGRIFT HOWARD B ENG80
HERVEY L HOWE B ENG50
JOHN HOWIE M D27
R E HOWIE B ENG44
PETER A HOWLAND M D61
PETER A HOWLETT B C L66
MRS JOHN HOWSON
EDUARD HOYER B ENG67
KENNETH S HOYLE B ENG47
PAUL B HOYT B SC(AGR)53
ANDREW HRNCHIAR B SC56 M D58
ALEX S HRYCAY B ENG64
JOHN R HUCKELL M D52
STEVEN HUEBNER B A77 L MUS78
ANDREW K HUGESSEN B ENG49
MRS JAMES C K HUGESSEN B C L58 M S W82
JAMES M HUGHES B COM62
D CERI HUGILL B A67
WILLIAM J HULBIG B A35 B C L38
WILLIAM D HULME B ARCH68
JOHN P HUMPHREY B C L29 P H D45
ALFRED C HUMPHREYS B SC51 D D S52
A W S HUNTER B S A32 P H D37
ROBERT G HUNTER B ENG58
HAROLD HURDLE
ROBERT M HURLEY M SC68
ALFRED M HURTER B ENG46
MRS JOHN A HUTCHINS
WILLIAM B HUTCHINSON M D71
GORDON BRUCE HUTCHINSON M D81
* MRS GEORGE HUTCHISON B COM24
JOHN D HUTCHISON B ENG61
WILLIAM G HUTCHISON B ENG62
WILLIAM H HUTCHISON B ENG33
LINDA C HUTTON B SC63 M D68
MRS M VERONICA HUVELLE B SC66
YATES HWA
PILL J HWANG D D S69 DIP DENT70

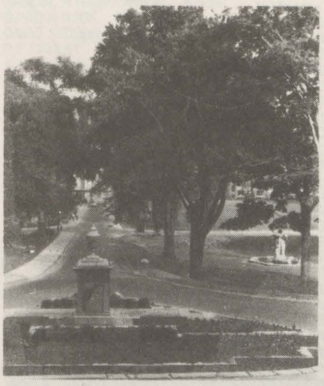


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DAVID B HYNDMAN B COM57
ELEANOR HYNES DIP MGMT79 M B A82
JAMES A INKPEN B SC(AGR)60
J FLOYD INNES B A25
MRS W DOUGLAS INNES B A40
JOHN M IONSON B SC(AGR)67 M SC(AGR)69
NORMAN E IRONSTONE B SC66 D D S70
HAROLD A IRVING B A51
LORNA JEAN IRVING B H S39
BERNARD L ISAACS B A44 B C L47
MRS ROSS ISAACS B A50 B C L54
MAHER A ISHAK B ENG69
GEOFFREY B ISHERWOOD
MRS SYLVIA IVANSKI
JERRY A IVANY B SC(AGR)66
JOHN W IVANY B A65
JAMES E IVERSEN B A49 M A51
MRS JAMES E IVERSEN B A49
JAMES IVORY B COM65
MRS ROBERT C M JACK B A67
HAROLD B JACKSON M D43
MRS MARY E JACKSON B ED63 M ED69
EDWARD N JACOBS COM32
SIMON JACOBSON B SC64 D D S66
VALERIE A JAEGER P H D79 M D82

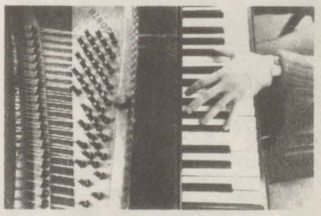
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PETER E JARVIS B ENG75
RUDY V JAVOSKY B ARCH62
GUSTAVE JAWORSKI
RAYMOND F JEFFERIES
JOHN R JEFFERY B SC64 M D68
MRS BARTON P JENKS III B A48
MRS NORMAN H JENNISON DIP P E34
MRS JOSEPH JETTER B H S38
WINFRED JHU B ARCH66
DONALD M JINNOUCHI D D S59
PATRICIA LUCILLE JOHANSSON B SC72 M D74
A L JOHNSON M D40 M SC47
CHARLES JOHNSON B ENG56
DAVID M JOHNSON B ENG55
MRS FORREST JOHNSON B A38
H DAVID JOHNSON B ENG49 DIP MGMT69
H DESMOND JOHNSON B SC58 M D60
J PETER JOHNSON B COM54
K ALLAN JOHNSON B COM74
L ERLE JOHNSON B SC(ENG)17
STEVEN JOHNSON M D76
* N D JOHNSTON JR B COM47
C DOUGLAS JOHNSTON B A31
ALBERT C JOHNSTON M D53
CHARLES F JOHNSTON B A40 M A42
GORDON M JOHNSTON D D S52
MRS L J JOHNSTON B N65
PHILIP E JOHNSTON
W RITCHIE JOHNSTON B SC46
WILFRED J JOHNSTON D D S38
VINCENT M JOLIVET B ENG52
GEORGE W JOLY B ENG49 M ENG50



GARTH JONES
HUGH A JONES B COM51
RICHARD JAMES DONALD JONES D D S77
MRS WOODROW A JONES B A41
GEZA JOOS M ENG74
GUY E JORON M D41
MARK JOSEPH M B A79
JOSEPH LEWIS JOSPE B A72
CLAUDE JOUBERT B COM76
L MARCEL JOYAL B C L48
MRS L MARCEL JOYAL B SC(P E)51 M S W70
LAURENT JOYAL B ARCH61
MRS MARJORIE JUDAH B L S44 M L S69
EBERT E JUDD B A32 M D36
SHAO CHI JUE B SC70
MANUEL E KADISH B SC48
AMNON KAHN B SC52
GERALD KAINE M D35
NORMAN KALANT P H D54
REDMOND J KANE B ENG41
EDWARD J KANEB B COM44
SALIM HUSSEIN KANJI B SC79
LINDA KAPLAN
MORTON A KAPUSTA B SC55 M D59
MRS MORTON A KAPUSTA B A56 M S W58
RONALD KAPUSTA B A56 M D60
JOHN KARAMITSOS
MRS GORDON M KARN B SC(H EC)45
MRS JEANNETTE KARPEL
SIDNEY KASMAN P H D55
MRS MIRIAM NATHANSON KASTNER B A39
ATHANASIOS KATSARKAS M SC78
MRS A KATZ B COM55
ELI I KATZ M D38
ISAAC M KATZ B SC64 D D S70
MYER KATZ B S W50 M S W51
MAX S KAUFMAN B A31 B C L34
RICHARD IAN KAUFMAN B COM64
SIDNEY KAUSHANSKY B COM66
MICHAEL KAWCZAK B ENG63
IQBAL S KAZMI DIP MGMT72
R W KEARNEY
ELLIS B KEENER M SC56 DIP MED59
MARION A KEITH B A28
Z PETER KEKES B ENG57
ANDREW KELEN M D43 M SC48
MARIAN G KELEN B SC42 M D45
FRANCIS BERNARD KELLY M D73
GORDON P KELLY D D S22
JAMES F KELLY B SC(ENG)23
RONALD EARLEN KELLY B SC73 D D S77
PETER R KEMBALL B ENG62 M B A67
JOHN E KENNEDY M SC42
S MICHAEL KENNEDY D D S68
STEVEN F KENNERKNECHT B ENG80
JOHN A KENNERLEY B SC56
STUART G KENNING M D56
JAMES C KENRICK D D S58
LEONARD E KENT JR B SC53 D D S55
JOHN KENYON P H D62
STEWART L KERBY B ENG57
MERVYN H KERMAN B COM52
ROBERT J KERR B SC66
DAVID ROBERT KESSARAM B A74
W A KETCHEN B SC(ENG)28
JOHN S KETTLES B A38 M D43
JOSEPH G KEVES
MRS NAGIA KHAFAGI DIP C ED81
ROBERT F KIDD B SC66 M D70
P EMMET KIERANS B C L48
PETER KILBURN
F R KILLAM B ENG37
FREDERICK M KILLAM B ENG41
RALPH J KIMMERLY B A46 M D50
MRS B WENSLEY KING B A35
DOLORES KING
GEORGE H KING B ENG56
JACOB H KING M D38
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ABNER KINGMAN B SC51
DAVID T KINGSTON M D41
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JOHN S KIRKALDY P H D53
C KIRKLAND-CASGRAIN B A47 B C L50
VIVIAN B KIRKPATRICK B N52
ARCHIE KIRSCH M D40
LEONARD KIRSCH B ENG36
LEO S KIRSCHBERG M D39
STEPHEN D KISBER B COM62
JACK M KIVENKO B COM61
FREDRIC KLEINBERG M D66
STEVEN KLEINER B A62 B C L66
B KLEKER M D29
OTTO KLINEBERG M D25 D SC69
SCOTT F KNEELAND B SC(AGR)37
ALLAN KNIGHT B SC46 M D50
LAWRENCE KNIGHT B SC63 M D67
MRS LAWRENCE KNIGHT B A66
A F KNOWLES
P RUSSELL KNUBLEY B COM51
GORDON H KNUTSON D D S52 M D58
DAVID K KOBAYAKAWA B SC66
ROBERT D KOBY B SC65 M D69
ALLAN N KOHL B ENG68 M B A78
MICHAEL KOHN
EUGENE KOLANKOWSKY B ENG59
MRS E LEO KOLBER B A55
HALINA M KONIECZNA D D S75
KLAUS V KONIGSMANN B ENG58
C J KONZUK B ENG50
JERRY J KOSTANDOFF D D S68
MRS H L KOSTMAN B A39
CARL R KOSTOL M D51
JOHN KOTSOVOS
RONALD L KOURI B SC57 D D S59
JOSEPH M KOVACS B ENG64
WALTER KOWAL B A49 D D S55
JOHN ROBERT KOWALISHIN
HAROLD A KOZINN M D55
ARTHUR D KRACKE M D58
DONALD R KRAMER B SC61 D D S63
RONALD M KRASNICK B SC65 M D69
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MRS HENRY KRAVITZ B N69 M SC(N)73
MILES C KREPELA M D30
STUART E KROHN M D30
FRANKLIN P KRUG
GENE H KRUGER
FRANK KRUZICH B ENG63 M ENG67
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STANLEY J KUBINA B ENG48 P H D73
GORDON M KUGLER B A63 B C L66
KALMAN C KUNIN B SC41 M D43
VALENTINA KURYLIW B A66
TERESA K KUS P H D78 M D79
WILLIAM L G KWAN B ENG64 M B A68
NORMAN N KWONG M D62
CAMILLE P LA BERGE B COM51
DOMINIC LA SCHIAZZA B SC56 M D60
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* ARTHUR LACOURSIERE B ARCH36
MARIE-CLAUDE LACROIX
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PETER M LAING B A35 L L D81
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JOHN A LAING B COM33
W R VARDY LAING B SC38 M D40
MRS JACQUES LAKS B S W51 M S W54
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MRS FREDERICK G LARKIN B L S35
PAUL LAROSE B SC(ENG)20 P H D25
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MARK LAZARE B SC62 D D S64



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JOHN G LE MOINE B A28 B C L35
C W LEACH
MRS C W LEACH DIP P E29
MRS LOIS ELAINE LEACH
HARRY A LEAVITT B SC49
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DANIEL LEBLANC M D78
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MORTIMER LECHTER B SC58
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J ROSS LEMESURIER B A47
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HERMANN LENZ
DOMENICO LEO B ENG77
DOUGLAS M LEOPOLD B A65
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RAYMOND LETTE
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PETER A LEUS B A67 M B A72
HARVEY LEVENSON B COM64 M B A68
ANDRE J LEVEQUE B SC(ENG)25
MARIE-EDITH DENISE LEVER M A81
D CLIFTON LEVIN DIP MED58
ROBERT M LEVINE B SC40 M D42
SEYMOUR LEVINE B ENG47 M ENG50
W ZAVIE LEVINE B A67 B C L70
MARTIN K LEVINSON B COM30
MICHAEL D LEVINSON B C L64
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A BENTON LEWIS B COM55
MRS G DONALD LEWIS ARTS46
JOHN B LEWIS B SC49 P H D54
JOHN F LEWIS B COM36
JOHN M LEWIS B A49
LEON LEWIS B SC58 D D S60
EMILE LEZIY B ARCH54
MING-WAH LI B SC64 D D S69
JOHN L LIBERMAN M SC50 B C L53
IRWIN J LIGHT B SC55 M D59
M LAWRENCE LIGHT B SC62
JOHN B LILLIE B SC57 M D61
WALTER H LIND B A37
HARRY LINDBERG
ALAN C LINDSAY B A54
C GORDON LINDSAY B ENG48
DONALD M LINKLATER D D S53
JOSEPH S LIPES B ENG51
MRS JOSEPH S LIPES B A50
SHELDON A LIPPE M D63
RICHARD J LIPTRAP B COM56
ARTHUR LISTER B SC(ENG)26
NORTON H LITHWICK B SC57
BRUCE W LITTLE B ENG56
J GRAHAM LITTLE B SC50 M D54
ROBERT H LITTLE B ENG52
DEREK LEONARD LIVESEY
MRS MAI KAM LO B SC(N)77
ANNA LOANE M D44
JAN LOBELLE
KENNETH Y LOCHHEAD B ENG32
J E ROWLAND LOCKHART B COM50
C K LOCKWOOD B ENG34 B ENG35
MRS HELGA T LOEVINSOHN B A67
VICTOR LOEWY B A71
DAVID HUGH LOGAN
ROBERT JOHN LOGAN B SC(AGR)74
JEAN YVES LOHE B SC(AGR)74
JULIUS M LONG B ENG47
PETER MARTIN LONGCROFT
STEPHEN A LONGSTAFF B A62 M A68
GILIO M LORENSON B A67 B COM69
DARIO LORENZETTI B SC58 M D60
MRS PATRICIA LORSCH B A60
GUY LORTIE
JOHN LOUGH B SC55 M D57
MAHER H LOUIS M B A81
SAL J LOVECCHIO B COM67 B C L70
MRS SAL J LOVECCHIO B A66
RUTH M LOW B A30
PAUL J LOWENSTEIN B A58
MRS PAUL LOWENSTEIN B A63 B L S64
DOUGLAS W LOWRIE B ENG49
IRA K LOWRY D D S25
ISADORE LUBIN D D S43
STANLEY LUBIN B A66 M D73
ANTHONY LUCAS B COM53 DIP MGMT58
MRS ANTHONY LUCAS B A54
GLENN RAYMOND LUCAS M B A77
FRIEDRICH LUHDE
MRS ELEANORE M LUKE
MRS RHODA LUSTGARTEN
GERALD LUTERMAN B COM65
MICHAEL LUTFY
VINCENT ERNEST LYEW
SEAFORTH M LYLE B ENG58 M ENG60
SYDNEY I LYMAN B A41
W FRANK S LYMAN B A39
JOHN LYNCH-STAUNTON
JOHN C LYNCH B SC(P E)54
JOSEPH H LYNN B TH81
W B LYNN B ENG58
CHRISTOPHER LYPACZEWSKI B ENG77
FREDERICK A LYPCHUK B COM48
ANDREW LYPEN B SC74
ROBERT M MACALLISTER D D S50
W DONALD MACAULAY M D57
LYNDEN E MACDERMID M D24
* H E MACDERMOT M D13
MICHAEL MACDONALD M D38
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ALEXANDER F MACDONALD
BARBARA MACDONALD B SC(H EC)52
HARRY A MACDONALD B SC(AGR)37

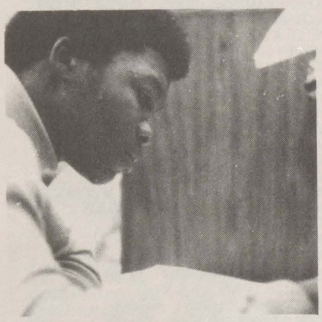


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MRS JUDITH M MACDONALD B N70
LORI ELLEN MACDONALD B SC(P T)81
MALCOLM H MACDONALD M D51
NEIL MACDONALD B COM51
JOHN E MACDONELL M D48
J T MACDOUGALL M D37
BERNARD J MACDOUGALL B ENG48
DANIEL MACDOUGALL M SC41 P H D44
GEORGE MACDOUGALL D D S45
REFORD MACDOUGALL B A62
KENNETH A MACEACHERN D D S52
MRS DOUGLAS W MACEWAN B A48 B S W49
JOHN K MACFARLANE M D63 M SC66
BONNY A M MACFARLANE B SC68 M D72
G N MACFARLANE B SC32
NORMAN F MACFARLANE B ENG49
IAN MACGREGOR
MRS O D MACGREGOR B A25
GRAHAM J MACHUTCHIN B ENG52
DONALD J MACINTOSH M D47
F C MACINTOSH P H D37
ANNA M MACIVER B SC44
JOHN E MACKAY M D54
GERALD D MACKAY B ENG52
K C MACKAY B C L50 M C L51
PETER A MACKAY M D63 M SC67
MRS SHEILA MACKAY B A53 M S W55
CONRAD MACKENZIE M D49
DONALD E MACKENZIE B C L51
DONALD W S MACKENZIE B COM48
FLORENCE I MACKENZIE B N58 M SC(N)68
MAXWELL W MACKENZIE B COM28 L L D73
MRS MAXWELL W MACKENZIE B A27
ARTHUR G MACKEY B SC(AGR)45 M D52
MRS DOUGLAS MACKINTOSH B A56
GEORGE R MACLAREN B A61
LORN MACLAREN B SC(ENG)28
STEWART M MACLAURIN B ENG51

ALAN J MACLEAN M D70
MRS BASIL MACLEAN
DONALD FRASER MACLEAN D D S79
MRS GUY R MACLEAN B SC60
MRS IAN H MACLEAN B A51
WALLACE H MACLEAN M SC(APP)64
P H D68
ANNE-MARIE MACLELLAN B SC72 M D77
MRS R J MACLENNAN B SC(H EC)62
J PETER MACLEOD M D64
J WENDELL MACLEOD B SC(ARTS)26 M D30
JOHN A MACLEOD B A36 M D41
K C MACLURE B SC34 P H D52
FRANCIS A MACMILLAN M D42
CHARLES C MACMILLAN B SC52 M D54
MRS FRASER MACMILLAN
GORDON A MACMILLAN B SC76
CERT C ED79
MRS KENNETH G MACMILLAN B A33
MARY MACMILLAN B A51
ERIC A MACNAUGHTON M D26
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D FRASER MACORQUODALE B A34 B C L37



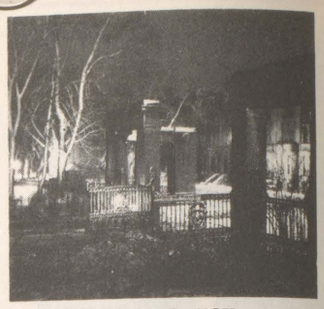
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J D MAHON M D43
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PAUL K MAIER
ROLF MAIJER D D S71
JEAN MAILLET
RAYMOND J MAILLOUX M D68
PATRICK MALARD B SC(ARCH)79 B ARCH80
CHARLES MALDOFF
ERIC MICHAEL MALDOFF B C L74 L L B75
DAVID MALKA
HOWARD MALLEK M D37
JOSEPHINE MALLEK M D36 M SC37
JACQUES MALLET B COM41
GUYLAINE MALLETTE B COM78
CLIFFORD S MALONE B C L56
A H MALOUF B A38 B C L41
NORMAN L MALUS B A57 B C L60
ANITRA MAMEN B SC65 M D67
ROLF MAMEN B ENG66
JEAN C MAMET M ENG69 P H D72
MARK S MANDELCORN B SC65 M D67
ROMAN MANGEL B SC59 M D63
POORAN R MANMOHANSINGH
B SC(AGR)64 M D68
ALAN M MANN M D49 DIP MED54
DONALD P MANZER
KOSTAS C MARCAKIS B ENG76 M ENG79
PAULINE MARCHAND B ENG80
SORANA MARCOVITZ B SC71 M D73
MRS LOTTE MARCUS M S W55 DIP S W64
MARIO MARFOGLIA
MAX H MARGLES B ENG51
RICHARD G MARGOLESE M D60
MRS EVELYN MARGUS B SC70
PAUL E MARGUS B SC70
BREEN N MARIEN M D49 M SC52
GEORGE G MARINI B COM75
* H KEITH MARKELL B A38
RONALD J MARKEY D D S69
OSWALD S MARKHAM B A30
MRS MARIA MARKOPOULOS
MRS H M MARLER DIP P E29
ARTHUR E MARLIN B SC68 M D72
BEN MARMUR B ENG45
JOHN D MAROTTA B SC64 D D S68
GEORGE MAROULIS B COM51
HARRY H MARSH M D55
WILLIAM E MARSH M D37
PAUL M MARSHALL B C L49
ANDREW B MARTIN B SC(P E)51
BRENDA E MARTIN
FRANCE MARTIN B SC82
MRS JOANNE F MARTIN B N70 M SC(N)72
JOHN A T MARTIN B COM51
MRS JOHN I MARTIN B COM49
PETER S MARTIN B A69 B C L73
R J D MARTIN B SC(AGR)38
R K MARTIN B A30
WILLIAM S MARTIN M D50 M ENG52
JOSEPH D MASCIS D D S58
WILLIAM E H MASON B SC49 M D51
HUGH J MASON B A64
KATHRYN H MASON B A51 B C L54
ROBERT W MASON B C L64
MAURICE MASSE
GIORGIO MASSOBRIO
GEORGES M MASSON P H D42
MICHAEL A MASTRIANNI B SC33 M D36
JANIE B MATHESON B S A32
MRS GAIL MATTHEWS
HOWARD S MATTHEWS B COM23
RICHARD D MATTHEWS B A49 B COM51
MRS LINDA C MATTIS B SC66
ANTHONY S MAXWELL B ENG62
H STIRLING MAXWELL B ARCH28
J S MAXWELL
MICHAEL P MAXWELL M A61 P H D66
W KEITH MAXWELL M D60
THEODORE MAYER B A42
I A MAYSON
EDWARD H MAZAK D D S61
ERIC DEAN MAZOFF B SC72 M D76
KEITH P MAZUREK B ENG49
MRS ANNA MAZZA
JOHN D MCARTHUR
ROBERT G MCBOYLE B COM48
CHARLES M MCBRIDE B SC52
JOHN H MCBRIDE B SC59 M SC64
J LESTER MCCALLUM B A37 M D43
WILLIAM I MCCALLUM B COM50
J BRIAN MCCANN B ENG56
D HUGH MCCARTEN B COM49
GERALD J MCCARTHY B C L53
JOHN ALEXANDER MCCLELLAND
HENRY LOCKWOOD MCCLINTOCK M D76
DAVID MCCLURE
JOHN A MCCORMACK B ENG68 M B A71
KENNETH R MCCORMACK M D54
CATHARINE C MCCORMICK B SC48
PETER N MCCRACKEN M D70
WILLIAM G MCCRUDDEN B ENG53
URBAN F MCCULLOCH B ENG42
JANE MCCUSKER M D67
MICHAEL D MCCUSKER M D67
KATHLEEN L MCCUTCHEON B N68
WILLIAM B MCDIARMID B COM52
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R D MCDONALD P H D35
ALLAN H MCDOUGALL B COM30
MRS ALLAN H MCDOUGALL B A36 P H D69
MRS LAWRENCE G MCDOUGALL B COM39
ADA E MCEWEN B N62
BENNETT B MCEWEN M D32
MURRAY D MCEWEN B SC(AGR)53
ARTHUR H MCFARLANE B A39 M A46
MRS ARTHUR H MCFARLANE B A40
G PAUL MCGEE M D51
LEONARD D MCGEE B ENG33
GERALD SR MCGEOUGH
MRS MARION MCGILL
J M MCGILLIS
IAN MCGOWAN B ENG59
FREDERIC A MCGRAND M D23
BRIAN I MCGREEVY B A30 B C L33
FRANK R MCGREGOR M D30
MARGUERITE MCINTOSH M D76
BRUCE A MCIVER B ENG80
HUGH R MCKAY B ENG69
WILLIAM BOYD MCKEE M D21
J LORNE MCKEOWN B A48
DONALD E MCKERRICHER M D50
ALFRED J MCKINNA M D52
PETER W MCKINNEY M D60
DAVID P MCKITTRICK B ENG63
JOHN A MCLAREN M D43
MRS MARION MCLAREN B A49 M L S77
ELIZABETH MCLAUGHLIN B SC48 B S W49
VICTOR D MCLAUGHLIN M D52
ROBERT A MCLELLAN B SC48 M D52
DONALD MCLEOD M A63
HECTOR I MCLEOD D D S51
MALCOLM E MCLEOD B A61 B C L64
PETER JAMES MCLEOD
THERESA C MCLOUD M D68
* W FINLAY MCMARTIN B A30 M D35



MRS DARIA MCMORRAN B O T71
SYDNEY D MCMORRAN B C L34
JOHN F MCMULLAN D D S57
ARTHUR R MCMURRICH B COM39
FRANCIS E MCNAIR M D43
NATHAN MCNAIR B SC(AGR)49
HERBERT B MCNALLY B C L55
J PATRICK MCNALLY B ENG75
DUNCAN I MCNEILL B A62 B C L65
JAMES W S MCOUAT B A50
BRUCE R MCPHERSON SC44
DAVID MCPHERSON B A68 M D76
DOUGLAS F MCPHERSON M D44
WILLIAM J MCQUILLAN B C L34
MRS DONALD R MCROBIE B A34
DOUGLAS G MCTAVISH B COM66
VAUGHAN E MCVEY B SC57
WILLIAM A MCVEY B COM51
JAMES C MEAD M D58
AIDAN JOSEPH MEADE B ENG78
MRS J W R MEADOWCROFT B A51
J KENNETH MEAGHER B ENG49
JOHN H MEANY M D37
VOLKER MEHNERT B C L62
RICHARD E MELANSON B SC(AGR)43
STEWART W MELDRUM
ENDEL MELL B ENG59
GEOFFREY MELVILL-JONES
ROGER MENARD
A I MENDELSOHN B ENG39
MAXWELL W MENDELSOHN B A62
MELVIN MENDELSOHN B SC57 M D61
MYER D MENDELSON B SC45 M D47
JOSEPH MENDELSSOHN B COM51
JEAN H MENETREZ M D50
MORAVIO MENNI
MRS HARRIET ANNE MENZEL
R R MERIFIELD B A38 B C L41
RUSSELL G MERIFIELD B C L70
MRS HOLLIS W MERRICK II
CLARKE F MERRITT D D S48
OLIVER MERSEREAU
ROGER E G MESMER M D56
MICHAEL J MESSEL B ENG38
I MESSINGER B COM29
MOSES J MESSINGER M D22
JOHN G METRAKOS B ENG55
JULIUS D METRAKOS B SC47 P H D51
AARON H METTARLIN B A23 B C L26
PHILIP MEYEROVITCH B C L21
MRS DAVID MICHAELSON B A59
ALAN GREGORY MICHAUD B SC72 D D S77
PHILIPPE MICHEL DIP MED54
PETER M MIESZKOWSKI B SC57 M A59
FRANK MILES



F THOMAS MILL B ARCH58
DAVID S MILLER JR M D67
ALEXANDER MILLER B SC45 M D47
ALICE E MILLER B A34
CAMERON D MILLER B A61 B C L64
JAMES R MILLER P H D59
MARY L MILLER B SC49 M D53
MORRIS MILLER B SC44 M D48
SAUL MILLER M D39 M SC48
MRS WILLIAM B MILLER B A46
WILLIAM M MILLER COM51
B J MILLIGAN B N50
ROGER MILLINGTON
STUART MILLOWITZ B A57 B C L60
ALAN V L MILLS B C L42
G H STANLEY MILLS M A47
K C F MILLS ARTS31
CATHERINE A MILNE B SC68 M D70
ARTHUR M MINNION B A32 B C L37
OSHER MINOVITZ M D47
W HAROLD MINSHALL M SC38 P H D41
MRS MINA KUDISH MINTZ B SC70
HENRY MINTZBERG B ENG61
JEAN R MIQUELON B C L52
R E MITCHELL M D47
BETSY A MITCHELL B A71 B C L75
HERBERT E MITCHELL B COM48
NELSON S MITCHELL B A55 M D59
WILLIAM MITCHELL
WESLEY MIYAMOTO B COM81
HENRY F MIZGALA M D57
PETER MLYNARYK B SC54 M D56
DRUMMOND S MODE B COM63
HARRY H K MOE P H D68
MRS ROBERT E MOEN B SC(P E)55
WILLIAM W MOFFAT B SC49 M D53
LEO KAM-SUM MOK B ENG72
HANS MOLLER
MRS MAUREEN MOLOT B A62 M A64
C J G MOLSON ARTS22
ERIC H MOLSON
ALMAS W MONAHAN B ENG48
ROBERT L MONAHAN P H D59
PETER H MONK B COM58
MRS PETER H MONK B A58
RICHARD C MONKS M D68 DIP MED74
ERNEST E MONRAD
THOMAS H MONTGOMERY B A36 B C L39
BROCK L MONTGOMERY B ENG34
DOUGLAS W MONTGOMERY B C L57
THOMAS R MONTGOMERY B COM32
HELEN MONTIN
A RUSSELL MOODIE M D10
CRAIG W MOOK SANG B SC71 D D S75
DONALD R MOONEY B ENG47
MONICA E A MOONEY D D S51
ERNEST J MOORE B ENG56
JACQUELINE MOORE B A74

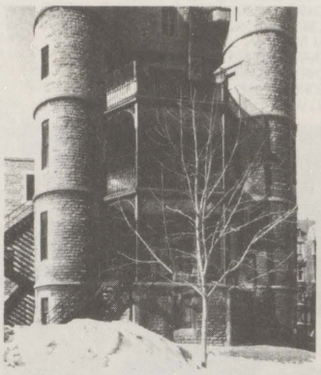


PETER GERALD B MOORE M D75
FRED MOOTE
CHARLES R MORELAND B SC(AGR)51
JAMES E MORGAN B A37
JOHN D MORGAN B COM52
MRS JOHN D MORGAN B COM50
MRS A E MORIN B N48
HUGH L MORRIS M D56
KENNETH W MORRIS AGR44
SAUL MORRIS B A54 B C L57
M KATHLEEN MORRISON B A28
MARY MORROW B SC49 M D51
AVRUM MORROW ENG47
J FRED MORROW B SC(AGR)50
JAMES N MORTON ENG43
W O J MOSER
MARY JANE MOSSMAN B A67
JOHN W MOSSOP B ENG55
HAROLD E MOTT B SC(ENG)22
MRS ERIC W MOUNTJOY B N66 M SC(N)76
JOHN E MOXLEY B SC(AGR)47 M SC(AGR)52
HENRY WILDING MOXON B SC(ENG)30
JASON K MOYER M D45
MRS SAM MOYER B SC(AGR)60
MRS ARNOLD G MUIRHEAD B SC(ARTS)26
DAVID S MULDER M SC65
THOMAS C MULLIGAN B A42
WILLIAM O MULLIGAN B A48 D D S50
WILLIAM P MULLIGAN M D56
ROBERT L MUNRO B COM48 B C L51
MRS ROBERT L MUNRO B SC52
JAMES P MUNROE M D60
WM MORGAN MUNROE B A43 M A46
WILLIAM T MURCHISON B COM63
JAMES D MURDOCK B SC49 P H D52
* A GORDON MURPHY B SC(ENG)22 L L D60
DAVID J MURPHY B SC66
DAVID R MURPHY M D42 M SC48
FREDERICK G MURPHY M D54 M SC58
HAROLD JOSEPH MURPHY
DONALD M MURRAY B COM55 C A58
HUBERT J MURRAY
J RICHARD MURRAY B A38 B C L41
MRS JAMES A MURRAY B SC(H EC)53
JAMES G MURRAY B SC48 M D51
MARION MURRAY B SC59
H LINDSAY MUSSELLS D D S41
S TERENCE MYLES DIP MED72 M SC73
PAUL NADLER B A64 B C L67
JAMES D NAFTALI
MAURICE NAIHOUSE M D18
ALLAN P NAIMARK B SC56 M D60
J LEITH E NANCE B N63
MICHAEL JAMES NANNE B SC72 D D S76
PHILLIP M NASSIEF B ENG57
MIREILLE NAUD B COM80
RONALD P NAYLOR M L S68
LEWIS C NEACE M D39
MALCOLM E NEARY B SC(AGR)37
JUAN CARLOS NEGRETE
BEVERLEY C NEILL B ENG57
BARBARA ANN NEILSON B SC(AGR)60
GREGORY M A NEIMAN B SC43 M SC53
J GORDON NELLES B COM28 M COM33
ROBERT J NELSON M D32
EMILE NENNIGER M ENG51
GEORGES NERAY
A H GRAHAM NESBITT B A58 B C L63
JACK NEWBY D D S54
E PETER NEWCOMBE B A47
DOUGLAS A NEWTON B ENG60
GEORGE SPENCER NIBLETT B SC(AGR)56
DOROTHY A NICHOL B SC(P E)49
G V V NICHOLLS B C L32 L L D77
* J GORDON NICHOLSON B C L21
* W WILLIAM NICOLSON M D34
HELEN NISKALA B N64
HARVEY NISSENSON M S W65
ROBERT J NIXON B ENG36
GEOFFREY C NOBLE B SC(AGR)51
MRS JOHN H NORRIS B A52
R ISRAEL NOVECK B COM69
* HARRY L NUTIK B COM32 M D38
OSCAR NUTIK M D31
ZOLTAN B NYESTE D D S53
ROY D O'BOYLE B ENG68
FRANCIS H O'BRIEN
E FRANCIS O'BRIEN
JOSEPH E O'BRIEN B A51 B C L54
JOHN J O'CONNOR B C L65
CEDRIC F O'DONNELL B ENG49
J VINCENT O'DONNELL B C L55
J MARTIN O'HARA
EDWARD Y O'NEILL B SC42
KEVIN D O'SHEA B A75 M A80
DAVID OBERMAN B ARCH56
GARY W OGDEN B SC71 M D75
JAN J OGGEL B SC(AGR)64
TIMOTHY I OKEKE B ENG66
YVES OLIGNY

JOHN A OLIVER M A50 M D56
BRUCE M OLIVER B SC75 D D S79
HOWARD T OLIVER D D S38
KATHLEEN W OLIVER B A43
MICHAEL OLIVER B A48 L L D72
JOHN M OLSBURGH B COM48
WALTER A OLSZEWSKI
ERIK JOHN OLTHETEN B ENG80
SILVIO J ONESTI M D51
LOUIS MICHAEL ONG D D S73
RICHARD J ORAWIEC D D S75
JOHN R ORMOND B SC75 D D S79
J KENNETH T ORMROD B SC40 M D43
ROBERT R ORR B SC(AGR)43 M D49
SVENN ORVIG M SC51 P H D54
PHYLLIS S K OSHEROFF M SC(AGR)67
JOHN C OSLER B ENG52
NORMA A E OSLER B A44
PETER A OSTAPOVITCH D D S43
EDWARD OSTRO D D S55
PAUL OSTROV B SC72 M B A74
G ROGER OTLEY B SC(AGR)59
WM W OUGHTRED B ENG46
J ALPHONSE OUIMET B ENG32 L L D63
EUGENE W OUTERBRIDGE B SC55 M D63
MRS MURRAY M OUTHET B A42
W SCOTT OVERTURF M D55
DAVID R OWEN B SC64 M D68
MRS G R W OWEN B A33
GEORGE R W OWEN M A34 B C L37
KIEL H OXLEY B A27
MRS FRED PACKER B A41
JAMES M PACKHAM JR B COM52
ARNOLD F PADGETT B ENG58
JOHN G PAGE M D56
M P PAIDOUSSIS B ENG58
PAUL BRITTON PAINE
ROBERT JOSEPH JOHN PAKNYS B ENG79
MAX J PALAYEW B A51
MRS W H PALM B A33
JOHN D PALMER M D41 DIP MED50
MARVEN F PALMER M D54
MRS DANIEL M PALTIEL B A52
PI-JUNG PAN M SC65 P H D68
CHOW KWONG JONATHAN PANG B COM74
WING-HONG PANG B SC65 M D69
JOHN B PANGMAN B SC(ENG)23
RUTH D PANKHURST B SC58 M D60
GEORGE S PANOS B ENG34
ERNEST C PAPAS B COM52
ADELARD L V PAQUETTE
PIERRE PAQUIN B C L63
GEORGE PARASKEVOPOULOS P H D65
DONALD D PARE
RICHARD E PARE B C L47
KATE PARFITT
OLIVE A PARKER B A26
R A PARKER B COM25
ERIC PARNELL B SC(ARTS)21
RAYMOND E PARSONS B A48
BASIL IAN PARSONS B SC50 P H D53
C JAMES F PARSONS M D23
JAMES H PARSONS B SC67
MARGARET HAYES PARSONS
R MILTON PARSONS B SC42 M D43
W DAVID PARSONS B SC46 M D51
GABRIELLY PASCAL-SMITH P H D70
BRIAN PATE P H D55
ALEX K PATERSON B C L56
MARGERY G PATERSON B A62
MRS P H PATERSON B A27
IAN M PATIENCE B SC66 M D70
CHARLES P PATON B ENG35



WENDY E PATRICK B A66 M L S70
DONALD C H PATRIQUIN B MUS64
HEIDI B PATRIQUIN M D64
ROBERT L PATTEN M D62
DONALD D PATTERSON B SC48 M SC50
FRANK P PATTERSON M D40
WILBUR R PATTERSON B A47 B C L50
MRS DONALD R PATTON B A26
RONALD L PAUL M D63
MRS RONALD L PAUL B A61
WILLIAM PAUL B ENG50
ROBERT E PAULETTE B SC52 M D54
ALAN VYTAUTAS PAVILANIS M D73
CHARLES F PAYAN B ENG37
JOHN S R PAYNE B COM35
ROBERT L PAYNE B ENG46
MICHAEL RICHARD PAZUR B SC(AGR)53
RICHARD O PEACH M D54
JOHN PEACOCK
RICHARD F PEARCE B COM52
MRS GERALD J PEARL B A59
ROBERT W PEARMAN B A41 M D44
S PEDVIS B SC42 M D43
MRS JAMES H PEERS B H S29
LOUIS J PELLEGRINO M A64 P H D67
JEAN PELLETIER B SC75
ONELIO CORNELIO PELOSO D D S80
JOHN S B PEMBERTON B A27
RONALD PENIUK
MRS A M PENNIE B A45
EDWARD IVAN PENSON
THOMAS P PEPPER P H D48
E C PERCY M D51 M SC54
FRASER LYMAN PERKINS M D74
DOUGLAS L PERON B SC69 M B A71
RONALD H PEROWNE B COM39
DAVID M PERRY M D54
JOHN L PERRY B COM50
CHARLES PETCH B COM28
J GORDON PETERS B COM64
LLOYD C PETERS M D47
MRS CHARLES PETERSON B SC46
MICHEL W PETIT
DAVID P PETRIE M D64
EDWARD A PETRIE M D59
MRS J GORDON PETRIE DIP P T46
JAMES S PETRIE B COM78
H GRAHAM PETTAPIECE D D S55
ANDRE R PETTIGREW B COM50
H P PETZOLD B SC(ENG)27
ERIC L PHELPS B SC43 M D44
NEIL F PHILLIPS B C L50
EDWARD O PHILLIPS B A53
MELVIN W PHILLIPS M D43
MRS NORMAN W F PHILLIPS B A36
ROBERT A PICARD B A65
ALFRED J PICK M A37 B C L40
A D PICKETT B S A29 D SC59
JACK R PICKLEMAN M D64
DOROTHY PIERCY M D55
TREVOR D W PILLEY B SC51
WALTER J PILUTIK D D S58
ROBERT S PINCOTT B SC56 M D60
JOEL A PINSKY B A57 B C L60
MERRILLE F PINSKY B SC59 DIP MED70
W J PIPER
KEITH S PITCAIRN B A28
PAUL B PITCHER B A35 B C L38
GRAHAM PITCHER B SC(AGR)54
JOHN W PITTS B ENG49
RONALD E PLACE B A34 M D39
MRS CLEMENCE PLACENTE
CHARLES E PLAMONDON B ENG43
MRS R JAMES PLANT B A61
MRS CHARLES R PLASKETT B A43
WERNER H PLUSS B ENG61
WILLIAM POCHEREVA B SC50 M D54
JEROME POIRIER B C L77
JOHN L POLACK B ENG55
MRS LUCIENNE POLIQUIN
SAMUEL L POLLARD B A29 M A30
DOUGLAS H POLLOCK B ENG53
T DOUGLAS POLLOCK B SC(ENG)24
J STEWART POLSON B A41 M D45
GORDON POLSON
HERBERT ANGUS POLSON B SC72 M D76
JEAN-CLAUDE PONCET M ENG81
GORDON D POOLE B ENG32 M ENG36
NORMAN L POOLE B SC50 M D54
RONALD J POOLE
F NORMAN POPE B SC(AGR)38
JOHN POPE B A62 B C L65
THADDEUS J POPIEL B ENG54
DAVID R POPKIN B SC(AGR)62 M D66
MARTIN J POPPO JR M D61
JOSEPH SAMUEL POREPA B SC70 M D74
MRS PHYLLIS PORRITT B A30 M A32
J TIMOTHY PORTEOUS B A54 B C L57
JAMES I PORTER B SC50 M D52
MRS HENRY A PORTER B A43
CHRISTOPHER PORTNER B SC67 B C L71
JOSEPH PORTNOY M D66 M SC70
GEOFFREY C POST B A59
RUDOLF STEFAN POSTEMA D D S77
BRIAN S POTTER M D50
BARRY M POTTER B ENG67
SCARLETT V POTTINGER B COM75
JAMES E POTTS B ENG33
DAVID POULIN M D79
GEORGES A POULIOT B C L49
ALLAN T POWELL B SC(ENG)23 M SC25
WILLIAM E POWLES B A40 M D43
NEVILLE G POY M D60 M SC63
MRS NEVILLE G POY B A62
GERALD POZNAK D D S71
ZDZISLAW POZNANSKI M ENG50
A WILLIAM PRATT B SC67 M D72
E COURTNEY PRATT B A68
GUY PRENOVEAU
A T J PREZIOSI B A46 M D50
D MILES PRICE B A59
FREDERICK W PRICE B A37 M A42
WILLIAM F PRICE B ENG57
SARAH S PRICHARD
GEORGE J PRIMAK B ENG58
RAYMOND HAROLD PRINCE
SUSAN PRINDEVILLE B A62
G E M PROCTOR B ENG46
HAROLD J PRUSSIN D D S71
DOUGLAS S PRYDE B C L63
MRS CATHERINE PUDDICOMBE B A28
IRA E PUDDINGTON M SC36 P H D38
HAROLD H PUGASH B A49
VINCENT PAUL PULLEN M D76
PETER C PULRANG M D51
J RONALDSON PURVES-SMITH B A47
M S W66
J GRANT PURVES B A64 M A66
A BLAIKIE PURVIS B A49
IMRE PUSKAS P H D62
JOSEPH D PUTIGNANO M D65
HAZEL PUTNAM M D44
ROBERT M PUTNAM M D44
JOHN R QUAGLIARELLO M D70
JAMES T B QUAYLE M D50
W DOUGLAS QUAYLE B COM55
PETER C QUELCH M D70
PETER QUEVILLON B ENG59
ROBERT W QUIGLEY B ENG33
MRS ROBERT QUILLIAMS B SC(H EC)55
JUDITH QUINN B SC(N)80
T JAMES QUINTIN M D30
STEPHEN RABATICH B SC44 M D45
MARK RABINOVITCH B SC72 M D74
LORNE D RABINOVITCH B SC75 D D S79
RALPH D RABINOVITCH B A40 M D42
SAMUEL H RABINOVITCH B A29
DAVID H RACE B ENG57
DAVID JUDSON RACHOFSKY
P E RADLEY B SC(ENG)23
ALLAN C RAE B ENG48
SAMIR RAGHEB M SC63
THEODORE RAIA
NORMAN RAICEK
MRS DOROTHY RAICH B A45



DAVID RAKITA
ENRIQUE RAMON-MOLINER P H D59
DEREK S RAMSAY B COM50
R ALEC RAMSAY B SC58 M D62
ROBERT L RAMSEY B ENG70
JUDITH RAMSEYER M SC60 M D62
STEPHEN J RANDALL
MRS JEANNE BERNICE RANDLE M L S73
MOSS G RANDOLPH B ENG39
NEELA RAO B ENG82
MORTIMER H RAPP B ENG50
LARRY M RASKIN M A64 P H D66
JOSEPH RASYTINIS B A75
SOL M RAWAS B COM63
CHARLES B RAYMOND B ENG71
ALAN RAYSON
JOHN REA
D C READ B SC(AGR)51 M SC(AGR)56
DOUGLAS ELLERY READ B SC(ENG)23
STANLEY E READ B A23 M A25
JACQUES REBUFFOT
MRS JOHN RECKITT B A47
DIRK H RECTER B SC(AGR)61 M A67
E WILLIAM RECTOR M D38
LILA REDMOND B A40 M D43
JOHN H REDPATH M D68
GORDON A D REED B ENG56 DIP MGMT59
WILFRID A REEKS B S A31 M SC(AGR)32
H MAYNARD REES JR B ENG49
MALCOLM REEVES B ENG42
RICHARD REEVES M D78
ROBERT S REEVES M D54
F THEODORE REID JR M D54
E A STEWART REID B A38 M D42
ALAN A REID B ENG37
EWART P REID B A31 M A32
SAM REID
THOMAS F REID M D27
R FRANK REIDER B SC(ARTS)28 M D32
DOUGLASS H REILLY B A41 M D43
CHARLES REINER
JEREMY H REITMAN B C L69
MRS GILLIAN REJSKIND
THOMAS REJTO
MRS MARJORIE RELIN
GUY RENAUD B COM44
PAUL F RENAULT B COM42
DONALD G RENWICK B COM53
MRS JOHN R REYNOLDS B SC(H EC)53
WM N REYNOLDS B ENG38
COLWYN RICH
ROLAND RICHARD
RALPH E RICHARDS B S A30
R GARRATT RICHARDSON M D68
GRACE H RICHARDSON B A57
JOHN M RICHARDSON B SC(ENG)28
NIGEL H RICHARDSON B A51 M A54
THOMAS A RICHARDSON M D43
JACK RICHER B COM52
MYER RICHLER B ENG46
MARY L RICHMOND B N51
MRS C LEWIS RICKETSON B SC(H EC)53
FRANK RIEDEL B ENG75
WILLIAM J RILEY B ENG48
RICHARD MARTIN RINDLER B A66
MICHAEL E RIOUX B C L54
MRS A S C RITCHIE B A33
GEORGE D RITCHIE B SC(AGR)48
J W RITCHIE B SC(AGR)51
PIERRE L J RITCHIE B A69
ROSS A RITCHIE B ENG43
ISRAEL R RIVEN B ENG33
SAMUEL S RIVEN M D25
ROBERT R RIX M D34
BERNARD ROBAIRE
BERT W ROBAR B ENG58
ANDREE ROBARD P H D78
J PRESTON ROBB M D39 M SC46
MRS JAMES A ROBB B SC57
PAUL ROBERGE
IAN ROBERTS ARTS49
WILLIAM J ROBERTS B SC(AGR)50
DOUGLAS C ROBERTSON B A58 B C L62
MARGARET J ROBERTSON B A30
DAVID BEVERLEY ROBINSON
B SC(ARCH)72 B ARCH74
MURRAY ROBINSON B SC48
STEWART A ROBINSON D D S29
WILLIAM G ROBINSON M SC38 P H D41
PIERRE E ROBITAILLE M B A66
ALBERT J ROCHE M D63
HAROLD NORMAN RODE P H D74
DAVID E RODGER M D35
YANG RODJANAPICHES
DONALD ROESSNER
JOHN F ROGERS B ENG59
JOHN P ROGERS B A49
THOMAS F ROGERS B ENG58
ALEXANDRA M ROLDE B SC57 M D61
C ALEX ROLLAND B SC48
ROBERT G ROMCKE D D S53
PINO ROSA
JANET M ROSCOE B SC67 M D71
ALEXANDER ROSE B ENG35
BARBARA ROSE B SC37 M D43
PATRICIA ANN ROSE B SC(N)78
SAMUEL ROSE
CARL ROSEN B COM56 B C L60
DAVID ROSEN B SC47 M D49
RUBEN ROSEN B COM57
PETER L ROSENBAUM B SC65 M D67
ARTHUR H ROSENBAUM B A58 B C L63
GEORGE A ROSENBERG B A57 B C L60
MRS GEORGE A ROSENBERG B A63
HARVEY ROSENBLOOM B COM52
HIRSH ROSENFELD B A28
ANDREW ORIN ROSENGREN B SC72 M D74
MARK M ROSENSTEIN B A60 B C L63
ROBERT W ROSENTHAL B COM32
EDWARD ROSENTHALL B SC37 M SC38
LEONARD ROSENTHALL B SC49 M D56
A BEATTY ROSEVEAR B A16
ARTHUR ROSKIES B COM48
ROBERT M ROSS JR M D54
COLIN M D ROSS B SC58

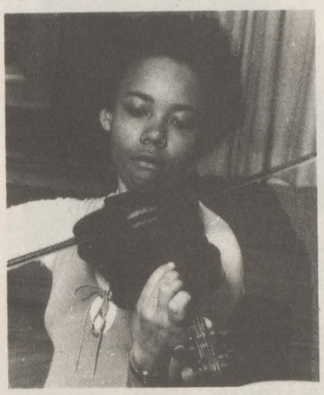


D GRANT ROSS B SC(AGR)56
DIANA D ROSS B ED66
MRS DONALD F ROSS DIP P O T56
B SC(P T)82
HENRY U ROSS B ENG36 M SC38
JAMES L ROSS B A50 M D54
JOHN ARTHUR ROSS B COM27
KENNETH H ROSS B SC33
N WILLIAM C ROSS B A64
MRS ERNEST ROSSITER B A37 M A39
CLARENCE ROSSOFF B ENG50
EDWARD ROSSY B A46
LAWRENCE GEORGE ROSSY B A65
RAYMOND P ROSSY B A50
ANDREW ROSTAING
JOHN S ROSTANT B SC48 M D52
SAM ROTH B ENG48
MRS RICHARD ROTHOLZ B A64 M S W66
JOHN M ROTHSCHILD B SC67 M D69
G S ROTHWELL M D37
WILLIAM ROTHWELL M D37
HARRY L ROUNTHWAITE M D49 M SC52
MALCOLM T ROURKE B ENG50
RALPH F ROUTLEDGE B ENG47
C K ROWAN-LEGG M D32
MALCOLM D ROWAT B A66
LORNE A ROWELL B ENG35
JAMES A ROWLANDS B SC51 D D S52
JOHN H ROY
RICHARD HARRY ROY B COM57
MRS W W ROY B A32
JACQUES A ROYER B ENG36
JEFFREY I RUBIN B SC67 M D71
ERIC M RUBY B SC72 D D S76
MRS DANIEL RUDBERG B A56
JERRY RUDEN B ENG54
H MARTIN RUMSCHEIDT B D61 P H D67
ROBERT C RUSSELL
DAVID S RUTENBERG B ENG60
ALLAN EDWARD RYAN DIP MGMT72
M B A73
MRS JOHN W RYAN B A28
WALLACE J SAAD SC52
MRS MARIA SACHSALBER
MRS ERNEST SACORANSKY B A56
WASSIM H SADER M ENG67
JOHN A SADLER B SC(AGR)79
DUSHYANT SAHAI
ALEXANDER SAHAROV B ENG58

CARLOS PIO SALAZAR-GOMEZ B SC72
MRS GEOFFREY W SALE B H S42
SONIA SALISBURY-MURPHY B SC55 M D59
MRS FREDERICK C SALTER B SC(ARTS)26
REGINALD A SALTER M D26
D ALAN SAMPSON M D31
JACQUES E SAMSON B ENG63
KALMAN S SAMUELS B SC49
PETER B SAMUELS M D48 M SC52
MRS JOHN W SANCTON M S W72
WILLIAM D SANDERS D D S55
MELVYN SANDLER B SC63 D D S64
C A SANKEY M SC28 P H D30
DOMINIC A SANTANA D D S59
MRS FRANK SARGENT B A34
LAZAR SARNA B A69 B C L72
MRS JEAN SATTERFORD
MICHAEL A SAUCY B SC58
ERNEST E SAUNDERS B A47 B C L50
GEORGE R SAUNDERS B ENG34
R ARTHUR SAUNDERS B COM33
PEDRO SAURET
BARRY REGINALD SAVAGE B ENG65
DONALD C SAVAGE B A54
STEPHEN J SAVIDANT B ENG71 M B A73
DOUGLAS B O SAVILE B S A33 D SC78
C PATRICK SAVORY
GEORGE SAVOY
VINCENZO C SCALI M D71
STEVEN SCHAFER B SC75
FRANK V SCHAPIRA B COM61
THEODOR H SCHAPIRA B SC73 M D75
NORMAN SCHATZ
BEN SCHECTER B A36 B C L39
PAUL C SCHEIER D D S58
FRANK JAMES SCHELL B SC72 M D77
DAVID SCHIFF B SC57 M D61
FRANCES SCHILTZ M D23
JEFFREY Y SCHNADER M D79
CHARLES F SCHNEE M D34
MRS GERALD SCHNEIDERMAN B A63 M SC(APP)67
MRS RONA SCHNEIDERMAN
MORRIS SCHNEK B COM69
WILLIAM SCHOFIELD B ENG33
MRS PETER V SCHOLES B A48
S MICHAEL SCHOLNICK B A64
SAMUEL SCHORR B SC71 M D75
WERNER BERNHARD SCHULZE
CHARLES G SCHURMAN JR M D55
ALBERT J SCHUTZ D D S55
PAUL G SCHWAGER M D39
EARL S SCHWARTZ B A51 B C L54
MRS IRVING SCHWARTZ ARTS54
ISAAC SCHWARTZ B A48
JACK P SCHWARTZ B A51
DAVID SCHWARTZMAN B A45
ARTHUR C SCHWEITZER B A59 B C L62
AUGUST C SCHWENK M D60
MRS ERNEST SCOTT B A27
HENRY J SCOTT M D41 DIP MED51
J M G SCOTT
JOHN B SCOTT M D37
MARIANNE F SCOTT B A49 B L S52
STEPHEN ALLAN SCOTT B A61 B C L66
MRS WILLIAM E SCOTT B A47
WILLIAM J SCOTT P H D72
WILLIAM M SCOTT B COM51
C GEOFFREY F SEAGRAM B A59 M D63
WILLIAM B SEATON B COM30
ISADORE SEDLEZKY M D38
MRS ISADORE SEDLEZKY DIP S W64
JOHN F SEELY M D62 P H D73
E T H SEELY B A31
MRS E T H SEELY B A31
H HERSCHEL SEGAL B A55



PERRY M SEGAL B SC55 M D59
MAURICE SEGALL B A50
* HAROLD L B SEIFERT B ENG37
DAVID A SELBY B ENG49 M ENG64
PAUL SELCHAU M D53
STANLEY LYON SELINGER B C L65
IRVING SELTZER B SC54 D D S56
BOHDAN SEMCZYSZYN B ENG77
IVO SEMENIC B ENG55
JACQUES SENECAL B C L23
PIERRE MICHEL SENECAL M D43 DIP MED47
VISSUT SETHAPUT B ENG71 M ENG74
ALVIN T SETTER B ENG50 M B A79
H LAURIE SEYBOLD B ENG62
HUGH G SEYBOLD B ENG33
MANUEL SHACTER B A44 B C L47
FRANK E SHAMY B SC54 D D S56
STEPHEN SHANAHAN D D S81
WM A SHANDRO M D33
JOHN A SHANKS M D50 DIP MED57
DAVID J SHANNON B SC68 M D73
MRS DAVID J SHANNON B SC(N)70
BARRY H SHAPIRO B A61 B C L64
BERNARD J SHAPIRO B A56
DAVID S SHAPIRO B A58 D D S62
ERNEST S SHAPIRO B ENG54
THEODORE G SHATTUCK M D70
RICHARD M SHATZ B SC59
GEORGE P SHAW B COM51
IAN B SHAW B COM39
KEITH W SHAW B ENG36
MRS KEITH W SHAW B A37
MICHAEL E A SHAW B SC(AGR)58
LINDLEY SHECTOR B ENG37
GERALD SHEFF B ARCH64
MRS CLAIRE SHEINER B C L82
NATHAN M SHEINER B SC53 M D57
GROSVENOR H SHEPHERD M D34
MRS KATHLEEN M H SHEPHERD B SC(H EC)43
MARGARET A SHEPHERD M D77
ADRIEN SHEPPARD B ARCH59
E DAVID SHERMAN M D32
GILBERT SHERMAN B A31 D D S36
C M SHEWAN B A65
HENRY R SHIBATA M SC66
HENRY SHIBATA
GEORGE SHIMO M D44
WILLIAM C SHIPLEY B SC(AGR)48 M A50



SEYMOUR SHLIEN B SC68
WILFRED SHUCHAT B A41
ABRAHAM SHULMAN B A27 M D31
ALLAN S SHUSTACK B SC71 M D75
ABE SHUSTER B SC49 B C L53
JOSEPH SHUSTER B SC58
SAMUEL SHUSTER B SC(ARTS)31 M D36
GEORGE R SIBER M D70
MARGARET WARD SIBER M D70
MARCEL L J SICARD B ENG52
SEYMOUR A SIEGAL M D55
DAVID SIGLER B ENG52
HARVEY H SIGMAN M D57 M SC60
MICHEL SILBERFELD B SC66 M D70
MALCOLM D SILVER M SC61 P H D63
R C SILVER B SC(ENG)27 M SC29
HARVEY H SILVERBERG M D66
LEONARD SIMMERMAN B SC(P E)53
RICHARD SIMON B COM77
MRS HERBERT M SIMONSON B A44
RONALD G SIMPSON M D61
GORDON C SIMPSON B ENG51
M SIMPSON B SC69 M SC72
ROBERT J SIMPSON B ENG50
ROGER G SIMPSON M D34
RICHARD P A SIMS B SC47 P H D50
VALERIE A SIMS M S W58
* R V COLVILLE SINCLAIR B C L12
BRIAN J SINCLAIR B SC64
GERALD SINGER B ENG38
MRS JANE SINGER B A58
CHANAN SINGH
IRVING A SIRKEN B A42 M A43
EMIL SKAMENE
RALPH M SKETCH B S A31
G BERNARD SKINNER B SC50 M D54
EDWARD SLAPCOFF B SC54 D D S56
JONATHAN SLATER B SC(AGR)76
STANTON S SMAILL D D S37
ROBERT SMALLEY M D54
ALFRED P SMIBERT B COM42
GEORGE W SMILEY B ENG36
ASA JOSEPH SMITH M D52
DAVID R SMITH B SC60 M D64
F ASTOR SMITH B SC60 M D64
J BRUCE SMITH B SC65 M D69
ADAM W S SMITH B SC(ENG)23
ALBERT B SMITH M D38
ANDRE SMITH
BROCK A SMITH B COM64 M A69
E KENNETH SMITH M D42
FRANK B SMITH M D37
GERALD J SMITH B A39
GORDON W SMITH B ENG58 P H D67
HEDLEY A SMITH
IAN WILSON SMITH
ODRIC H SMITH B ENG35
RODERICK I A SMITH B ENG49
S DOUGLAS SMITH B COM48 DIP MGMT75
SYDNEY G SMITH B ENG59
PHYLLIS SMYTH B A59 B D64
MELVIL N SNELL M D50
KATHERINE JEAN SNOW B ED(P E)74
HOWARD P SNYDER M D38
JEAN N M SNYDER B A29
STEPHEN P M SO B SC66 D D S70
ARTHUR B SOCKETT B ENG50
EDWARD B SOLOMON M A60 M D64
DAVID SOLOMON D D S48
SAMUEL SOLOMON B SC47 P H D53
MRS SAMUEL SOLOMON B A48
THOMAS A SOMERVILLE B ENG48
FRANK GRAHAM SOMMER M D72
RAJMUND L SOMORJAI B SC60
KETO SOOSAAR B ENG61
WARREN Y SOPER B A42
WALTER SORIN
RALPH F SORTOR JR M D53
IAN A SOUTAR B ENG58
MRS WILMA PATRICIA SPENCE M SC(N)82
JOHN D SPENCER B ENG48
* LIONEL A SPERBER B A21 B C L24
PATRICIA JOAN SPICE M SC(N)78
MURRAY B SPIEGEL B C L53
ALEXANDER SPIRA B SC62 D D S64
JOHN D SPIVACK B ENG42 P H D47
ROBERT W SPOKOWSKI B ENG70 M ENG72
MELVILLE A SPOWART B COM54
GEORGE H SPRATT B SC(ENG)28
JAMES ROBERT SPROULE B SC77 M SC79
DAVID SPURRELL B ENG58
CLAUDE ST HILAIRE B ENG53
BERNARD J C ST ONGE B ENG51
MRS EMERY ST PIERRE B A27 M A28
BRUNO ST-JEAN B SC(ARCH)76 B ARCH77
MRS ARTHUR JOHN STACEY DIP P T47
JOHN E R STAINER M SC(AGR)69 P H D78
COLIN M STAIRS B ENG48
GEORGE W STAIRS B ENG72
MERRILL E STALKER B SC47 M D51
ALEC MCT STALKER B A41 B C L44
MRS ALEXANDER MCT STALKER B A40
ARCHIBALD M STALKER B A45 P H D50
GORDON D STANFIELD B ENG39
PAUL R STANFIELD B ENG66
MRS HAROLD F STANIFORTH DIP P T46
W DONALD STANIFORTH B ENG48
ELLEN STANSFIELD B A29 M A31
ELIZABETH STANTON B A40
FREDERICK STAPENHORST
ANDREW D STARKE B COM24
WILLIAM J STAUBLE B SC48 M D52
MRS ARON Y STAVISKY B A57
MRS ROBERT STEDMAN B SC45
DAVID A B STEEL B C L57
DOUGLAS GEORGE STEEN B ARCH65
LEA C STEEVES M D40 DIP MED47
ROBERT JOHN STEFANISZYN B SC78 D D S80
ALBERT L STEIN B A29
MARCUS STEIN B ENG34
WILLIAM G STEIN M D58
ESTELLE STEINBERG B A33
HENRY STEINBERG B A57 B C L60
MRS HENRY STEINBERG B A59
MARVIN H STEINBERG B SC70 D D S72

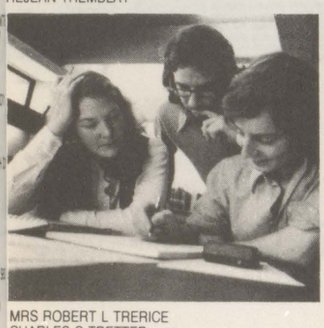


MORRIS STEINBERG
MURRAY STEINBERG
NICOLAS STEINMETZ B SC59 M D63
C RONALD STEPHEN B SC38 M D40
PETER J STEPHENS B SC61 M D65
S ALLAN STEPHENS B ENG62
DONALD G STEPHENSON B SC49 M D54
LLOYD G STERN B A39 M D43
PETER STERN
GARTH STEVENSON B A63 M A65
IAN P STEVENSON B SC42 M D43
RICHARD H STEVENSON B COM42
WILLIAM F STEVENSON DIP AGR60
MRS D D STEWART B A32
JOHN STEWART B COM39
LANDON A STEWART B A69
LAURA F STEWART B A34 B L S48
LEVER F STEWART M SC56
MARY H STEWART B A35
ROBERT C T STEWART B ENG49
MRS W JOHN C STIKEMAN B A40
MRS FRANGA STINSON M A63
NORMAN C STINSON B COM42
SAUL S STIPELMAN B ENG50
DONALD V STIRLING B A54 B D58
JOHN B STIRLING B ENG52 DIP MGMT62
GERALD S STOBER B SC48 M D50
MRS WILLIAM A STOCKER B SC(H EC)59
BEN STOKES B COM49
FRED V STONE B A31 M A33
JOHN STONEHEWER B ENG46 M ENG62
SYDNEY M STOTLAND B COM57
J H STOVEL ENG34
MRS J H STOVEL B A48
EDWARD ANDREW STRAPAGIEL B ENG73
ZENO STRASBERG B SC60 M D64
MRS EMMA STRATHY M ED73
MACKENZIE DEB STRATHY B COM53
L RAMSAY STRAUB M D40
EARLE HOWARD STRAUS B C L75 L L B76
RUBIN STRAUSS B A29 M D35
JOHN STRICKS B SC63 M D67
MRS ROBERT B STRONACH B A43 B L S44
FRANCIS STRYBLE M D35



T C STUART
W WALLACE STUART B COM40
JOHN D STUBBS M D56 B SC56
HAROLD T STULTZ M SC(AGR)46
CHARLES P STURDEE B ENG34
H IRWIN STUTT B SC49 M A69
FRANCIS SUJENDRO
DAN SULITEANU B ENG59 DIP MGMT75
JAMES D SULLIVAN M D62 M SC67
DONALD E SULLIVAN B SC72
PATRICIA SULLIVAN B A71 M A78
PHILIP B SULLIVAN M D41
JOHN H SUMMERSKILL B A46 L L D71
RICHARD S SURWIT P H D72
FRANK H SUTCLIFFE B ENG53
D WM SUTHERLAND B COM39
HUGH S SUTHERLAND M SC29 P H D31
NIGEL SVAMI B A63
ALAN SWABEY B COM30
DAVID W SWALES B SC59 M D61
MRS MORRIS SWALSKY B N49
J N SWARTZ B ENG34 P H D37
G PATRICK SWEENY M D54
SIDNEY T SWEETING B SC61 D D S63
J ROBERT SWIDLER B COM68
JOHN SWIDLER B COM65 B C L69
LIONEL D SWIFT B ENG34
DONALD C SWOGER B A52 M L S66
JAMES F SYMES M SC73
PETER L SZEGO B SC61 M D65
EDWARD TABAH B SC40 M D42
ALEXANDER H TAIT B ENG37
G EWING TAIT B SC(ENG)30
G RODNEY TAIT B ENG61 P H D71
JOHN CHARLES TAIT B C L72
HYMAN TANNENBAUM B SC65 M D69
GLORIA SHAFFER TANNENBAUM B SC59 P H D76
ISAAC TANNENBAUM B SC43 M D44
MRS ISAAC TANNENBAUM B A44 B SC46
CLARE W TANTON M D41
T MUNCEY TANTON M D41
W REES TAPRELL B COM23
JOHN TATAM
WILLIAM G TATHAM B A69
WILLIAM A TAYLOR B SC44 M D45
A SCOTT TAYLOR B ENG60
DONALD TAYLOR D D S66
E DOUGLAS TAYLOR B SC48
FREDERICK TAYLOR B ARCH30
GORDON A TAYLOR D D S76
GORDON R TAYLOR M A33
JOHN L TAYLOR B SC47 M D49
JOHN S TAYLOR B ENG49
RICHARD W TAYLOR B SC69 M D73
WADE A TAYLOR COM24
CECIL T TEAKLE B A24
ROBERT C TEDFORD B COM63
MRS ROBERT C TEDFORD DIP P T65
FRANKLIN TEEMULL M SC79
MRS RALPH C TEES B COM34
PHILIP M TEIGEN
SAM TEITELBAUM
ALBERT D TEITLEBAUM B SC58 P H D67
ANDREW TEKELA D D S57
DEREK TEMPLETON B ENG79
ALAN TENENHOUSE P H D59 M D62
IVAN C N TENNANT B SC52
JOHN D TENNANT B COM63
MICHAEL LESLIE TERRIN M D74
MRS F RICHARD TERROUX B A21 P H D30
CLAUDE M TETRAULT M A40 B C L49
JEAN THIBAULT
PAUL THIVIERGE
B EDMOND THOMAS M D36
HOWARD B THOMAS M D62
J MALCOLM THOMAS B COM53
W DESMOND THOMAS B A47 B C L50
BRUCE THOMASSIN M D79
LORENZO THOMASSIN
WALTER L THOMLINSON B ENG38
GEORGE H THOMPSON M D47
MRS ALAN G THOMPSON ARTS40

ARTHUR BACON THOMPSON M D36
B GORDON THOMPSON M D59 M SC65
CHARLES A THOMPSON M D38
CLIFFORD S THOMPSON M D25
JAMES E THOMPSON B ENG70
THOBURN F THOMPSON M D57
THOMAS B THOMPSON B SC(P E)58 M ED78
WILLIAM B THOMPSON B A67
WILLIAM J THOMPSON B ENG52
ALEXANDER B THOMSON B C L48
CHARLES M THOMSON B COM40
GEORGE A THOMSON B COM47
BENJAMIN J THORPE B A28 M A32
C BRUCE THRASHER M D54
DONALD S THURBER M D25
MRS GUNHILD TIBBETTS
W W TIDMARSH M D43
JACK TIETOLMAN
WALTER B TILDEN B COM50
DAWSON H TILLEY B COM52
THOMAS A TINMOUTH B ENG49
DIP MGMT65
ANDREW G TOEMAN D D S66
WILHELMINA TOLBERT HOLDER B SC69
M D73
H MARTIN TOLCHINSKY B ARCH52
MRS ERIC TOLLER B SC(H EC)51
MRS CATHERINE TOMAN B A76
FRANK M TOMITA B ENG59
GEORGE S TOMKINS M A52
G H TOMLINSON P H D35
MRS G H TOMLINSON P H D36
RALPH J TONELLI B ENG49
ARTHUR TOOLEY
C FRANK TOPP B COM38
JOSEPH TOTH DIP MED67
STRATIS TOULOUMIS B SC70 D D S75
GORDON TOWNSEND M D29
SUSAN E TRECARTIN B SC68 M D72
JAMES W TREMAIN B ENG55
GILLES G TREMBLAY B ENG50
JEAN-CHARLES TREMBLAY
REJEAN TREMBLAY



MRS ROBERT L TRERICE
CHARLES C TRETTER
J LOCH TRIMINGHAM M D66
A E W TRITES M D54
MARSHALL TROSSMAN B A43 M D50
MARY E I TROTT B SC65 M D69
LORNE I TROTTIER B ENG70 M ENG73
GEORGE N TRUSCOTT D D S52
ZYGMUNT TRYLINSKI
MRS MEI ELENG TSAO
MICHAEL L TUCKER B ENG53
ALAN D M TURNBULL M D61 M SC65
MARTHA LENNOX TURNBULL B SC(N)81
JOHN H F TURNER O B E
ALICE W TURNER B A27 M A28
CECIL H TURNER M D32
JAMES S TYHURST B SC43 M D44
RICHARD C U'REN M D64
ALFRED B UDOW B A39 M SC40
ERNEST S USZKAY B ENG58
ALBERT VACHON D D S56
PIERRE VALIN B SC72 M SC74
GESNER VALLES
RAYMOND H VALLIERES B ENG51
WILLIAM B VAN ALSTYNE M D59 DIP MED64
RICHARD L VAN DEN BERGH B A54 M D59
LIANA I VAN DER BELLEN B A52 M L S67
RONALD VAN DER WEE
MRS MAARTEN VAN HENGEL B A48
B S W49
MRS M J VAN LOBEN SELS B A33
D VAN NIMWEGEN M D66
H TERRY VAN PATTER B SC47 M D49
WILLEM PIETER VANDERPLAAT B A79



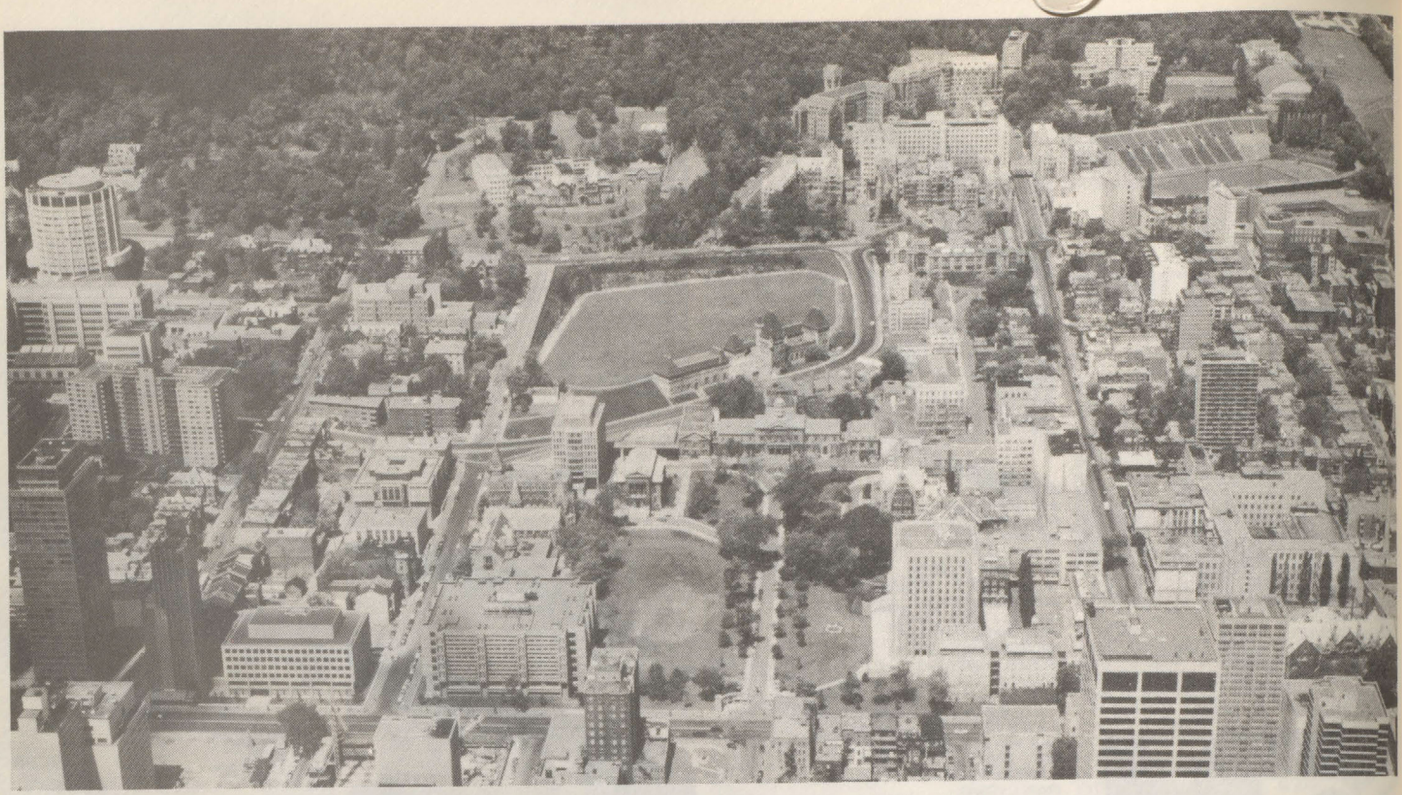
A MURRAY VAUGHAN
ROBERT P VAUGHAN B ENG40
MAURICE A VERNON B A49 M D51
JEAN VEZINA
MRS ERNEST F VIBERG
WILLIAM VICTOR B COM31
MRS WILLIAM VICTOR B A32
ROLAND J VIGER M D33
JOHN VINCELLI D D S51
ANDREW K VINE B SC68 M D72
MICHAEL D VINEBERG B C L68 M A68
STEPHEN A VINEBERG B COM58
MRS STEPHEN A VINEBERG B A62
W S FRASER VIPOND B A49 M D53
STEVEN VITTORATOS B SC68
PAUL VON HAESELER M D31
MRS F VONA
CLARENCE VOSBERG D D S32
IRWIN L VOSKO
MICHAEL P VOTICKY B COM71
JEROME WACHSBERG
ALISTAIR J WADE B ENG51
I J WAINER B A24
RICHARD HARVEY WAIT M D57
MRS KEITH P WAKE B SC(AGR)45
H EDITH WALBRIDGE B A34 DIP P E35
JOHN WALDES B ENG66
HARVIE D WALFORD B ENG49
J HARRIS WALKER M D43
JAMES A WALKER B SC(AGR)51
JEAN M WALKER B A44
JOHN M WALKER
LAURENCE R WALKER B SC35 P H D39
O JAMES WALKER P H D50
MRS T F WALKER B A19
WILLIAM G WALKER M D48
JAN WALL M SC75
YVONNE C WALL
KENNETH M WALLEY D D S41
A BRADFORD WALSH B SC(AGR)36
ALLISON WALSH B A33 B C L36
GEORGE C WALSH M D42 M SC49
JACK WALSH
JOHN S WALTON B ENG53
MRS JOHN S WALTON B A52
SALLY SHUN YEE WAN B A79
ERIK B WANG B A54 B C L57
JAGANNATH K WANI P H D67
FRANKLIN R WARD M D67
LINDA A WARD M D71
LOUIS E WARD M D71
BRIAN JAMES WARD M D80
WALTER G WARD B ENG42
JAMES E WARE B ENG49
G J WAREHAM
MRS A H WARNER B A18
M S ARDELE WARR B A71
F G ROSS WARREN P H D48
HERBERT H WARREN B COM30 C A31
J C ROGER WARREN B ENG56
J H WARREN
W A WARREN B SC(ENG)24
MAMORU WATANABE M D57 P H D63
WM REID WATERS M D55 B SC55
BARRAUD J WATSON M D53
ALLAN G WATSON ENG42
LOUISE B WATSON B O T70
WILLIAM J WATSON B ENG53
LYNN A WATTERS B ENG39
A C WEAVER B ENG43
MRS DORRIEN WEAVER B A36 DIP S W38
GARY D WEBB B SC65 M D67
JEAN F WEBB M D42
WALTER E WEBB B ENG50
MRS H WEBBER B A42 DIP S W44
RICHARD V WEBBER B ENG75
D R WEBSTER M SC30 P H D33
L P WEBSTER B COM25 C A28
DANA A WEEKS M D36
PATRICIA BOHAN WEEKS M D51
ALLEN WEIGENSBERG B SC(AGR)73
MERVYN L WEINER B COM43
MORTIMER WEINFIELD B A33 B C L36
DONALD E WELCH B ENG61
G BARRY WELDON B ENG70
J DALE WELDON B A50 M D54
D S WELLS
RICHARD F WELTON B SC(AGR)54
M SC(AGR)69
G E WEMP
MARVIN WERBITT B SC67 D D S71
MRS I K WERK B A51 M S W67
JAMES W WESTCOTT M A50
HANS WESTENBERG
GILBERT B WESTMAN B SC50 M D54
GERALD B WEXLER B SC68 D D S70
STEPHEN H WEYMAN M D45
BASIL J P WHALLEY P H D52
MRS ERIC E WHEATLEY B A32
ROBERT JOHN WHEATLEY B COM72
BENJAMIN B WHITCOMB M D35
MRS AILEEN WHITE
KERR LACHLAN WHITE B A40 M D49
V MICHAEL WHITEHEAD M D59
RUTH M WHITLEY B A29



RODERICK L WHITMAN M D39
PHILIP WHITTALL B ENG59
N BLAIR WHITTEMORE M D60
G M WICKENS
A PATRICK WICKHAM B C L49
FRED WIENER B SC42 M D43
MICHAEL GEORGE WIENER B COM66
ERNEST J WIGGINS P H D46
MRS ALLAN J WIGHT B COM33
JOHN B WIGHT B COM47
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McGill's faculties look to the future

by Charlotte Hussey

The following interviews with the deans of Graduate Studies and Research, Management, and Religious Studies conclude this four-part series on faculty planning. If you have missed any of the previously published interviews please feel free to write to the News for a free copy.

FACULTY OF MANAGEMENT



One criterion for acceptance into the Faculty of Management's ever-popular MBA program is scoring comfortably above the national average on the Graduate Management Aptitude Test (GMAT). "Our average GMAT score," says Dean of Management Dr. Laurent Picard, "is in the 85 percentile. But our GMATs could be close to the 90 percentile, if we had a better-funded fellowship program."

Quebec students attending the faculty are relatively well-served by their provincial scholarship system. Picard's concern is to set up a $250,000 endowment to help recruit out-of-province students of merit. "We used to have 25 percent of our students coming from outside Canada," he says. "Now we're losing these top students because we're not strong on scholarships. We need a substantial number of MBA scholarships to compete with other universities."

The dean wishes to boost other scholarly efforts as well. He would do so by building on one of his faculty's pedagogical innovations – the combination of the fields of policy and organizational theory in a curriculum for BA, MA, and PhD students. This trailblazing merger that has resulted in an area of scholarship attempting to define the nature of the manager's role, the process of strategy formation, the design of organizational structure, and the development of basic managerial skills has become a model for other North American business schools. It has also laid the groundwork for the establishment of a McGill Institute for Policy Studies in Management.

"We want to build on our strong, young research team led by Henry Mintzberg, with the help of Professors Kets de Vries, Miller and their colleagues, and develop an Institute," explains Picard. A monthly colloquium organized by Mintzberg's group and featuring international experts has already attracted to McGill one of the largest number of policy doctoral students to be found at any North American university. To further his faculty's leadership in the field of management policy, the dean would earmark specific sums for an Institute: $350,000 to create a fellowship program; $150,000 to fund colloquia, symposia, and research; and another $525,000 to provide for a staff secretary, guest lecturers, and a visiting professorship.

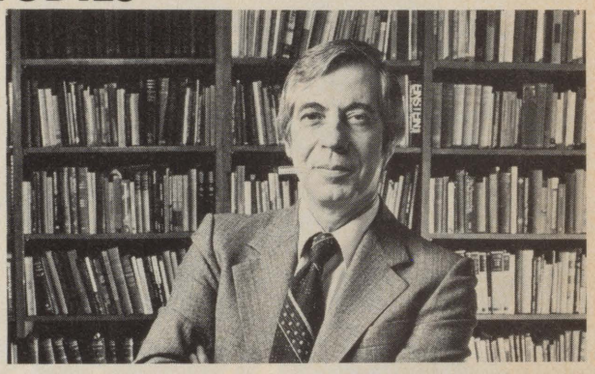
Picard also plans to assist financially in the establishment of a Centre for Management Science. This discipline offers the means to develop mathematical infrastructures appropriate to public and private sector management. All areas of business – accounting, finance, international business, marketing, management information systems, and resource management – draw on its principles.

"In the field of management science," explains the dean, "we have a core of such well-known researchers as Professors Whitmore, Yalovsky, Loulou, Darmon, etc. to build on." Picard wishes to consolidate the research efforts of these men by creating an interdisciplinary centre. To do so, he would put aside some $180,000 for the hiring of a secretary and for the sponsorship of an annual series of visiting researchers. He would also provide $355,000 for the support of conferences and symposia, for the guidance of faculty research projects, and for holding in-house research seminars with business and government.

Another priority for Picard is to strengthen the Faculty of Management's library with an additional operational budget of $160,000. Management research is a relatively young, rapidly growing pursuit that necessitates the expansion of present library holdings. Important collections must be updated and new subscriptions purchased.

While talking about his faculty, which is as young and vital as the field of management itself, Picard keeps returning to one adjective – "excellent. I'm saying that with no false sense of pride, because I'm not responsible," he adds. "It was built before I came and has matured during my term. My role is simply to make it better known."

FACULTY OF RELIGIOUS STUDIES



Photos by Vivian Kellner

Dean of Religious Studies Dr. J.C. McLelland feels optimistic about the popularity of his faculty. Undergraduate enrolment is up, graduate enrolment has increased significantly, and some 300 students from other disciplines have chosen this year to take one or two religious studies electives. "The morale is certainly good here," says the dean, in spite of the fact that in a recent campus survey his staff members ranked second highest in faculty work loads.

To lighten these work loads, McLelland would put $100,000 towards the improvement of his faculty's teaching assistantship fund. The establishment of additional teaching assistantships would relieve faculty members of the burden of certain time-consuming, pedagogic tasks. It would also provide doctoral candidates with financial help and teaching experience in such areas as Bible, theology, philosophy of religion, ethics, church history, and comparative religion. "These teaching assistantships," adds McLelland, "will attract high quality graduate students. And our students have an excellent record of winning awards, including an average of three Canada Council Fellowships each year."

Increased faculty work loads, occurring largely because of budgetary restraints, have been difficult because of the size of the Faculty of Religious Studies. "In a small teaching unit such as ours, the loss of one staff member is proportionately greater than in a larger faculty," explains McLelland. "For example, if there are only two people in an area, the loss of one would be 50 percent of our staff."

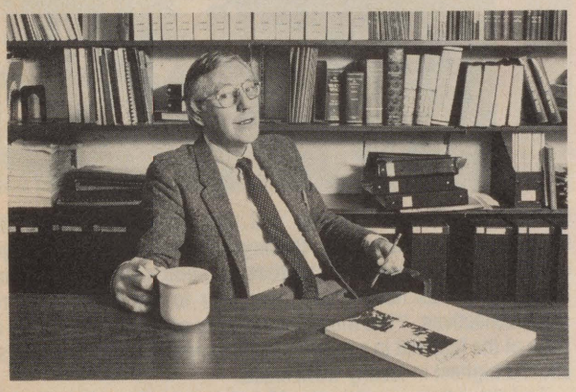
The dean is especially concerned about coming faculty retirements in the areas of psychology of religion and ethics. Full-time replacements can not be hired because of financial cutbacks. The dean would like to authorize that the sum of $100,000 be spent over the next ten years for a visiting professorship in ethics. Such support would answer the growing need for the intensified teaching of new and popular specialties like business ethics, medical ethics, and bioethics. It would also abet the collaboration of faculty specialists with scholars from other faculties or institutions.

McLelland also wishes to spend another $62,000 to enhance the world religion program. Most of this money would be used to purchase special texts and audio-visual teaching aids. The remainder would be spent to strengthen the Faculty's offerings in Hinduism and Buddhism. "This year we have two visiting lecturers from India and a Buddhist monk from Sri Lanka. And we want to capitalize on their work for the future. Our faculty also includes the Institute of Islamic Studies, which enjoys an international reputation for teaching and research at the graduate level. It relies on private funding and is presently seeking $700,000 to endow a chair in Urdu language and culture."

Another $25,000 has been earmarked for collaborative projects with the affiliated Anglican, Presbyterian, and United Church colleges. "In co-operation with these colleges," explains McLelland, "we are strengthening our ties with the Caribbean and Africa. For example, there are graduates returning to Africa who are so appreciative of what we've done that they want to encourage a relationship." Money, then, could be well-spent to help cover the high costs of transportation to and from Africa.

McLelland is optimistic about his faculty's future. "Given the enrolment increases and the excellent scholastic reputation of our staff members and our graduates, I see a healthy faculty and one that can cope well with further cutbacks. But clearly," he adds, "it will be one that must rely on private funding."

GRADUATE STUDIES & RESEARCH



Dean of Graduate Studies and Vice-Principal (Research) Gordon Maclachlan likes to respond quickly to new ideas, and many come his way. Overseeing research funding applications submitted from all corners of the university, he enjoys having funds at the ready to assist his most promising scholars. In the past, he has drawn from a $150,000-per-annum University Research Development Fund to purchase start-up equipment and to provide seed money for new research adventures. "It is amazing," explains Maclachlan, "how a relatively modest input from this fund gives a large application the extra credibility that results in a successful grant of ten or more times our contribution."

Maclachlan's top priority is to increase the income of this Research Development Fund to $3 million per year. Such a boost would stimulate efforts to enlarge upon university research budgets. These "soft" research funds are gradually becoming the mainstay of a university's financial well-being as annual government teaching grants dwindle away under the impact of inflation. "In the past several years," points out Maclachlan, "research funds in the form of grants and contracts to our professors and fellowships to our graduate students increased far more substantially than operating grants for salaries and teaching. At these rates, research funds will overtake operating grants at McGill by 1986."

Maclachlan's list of additional priorities is long. For example, the Biotechnological Research Group, established in 1980, wants to strengthen and expand its efforts by recruiting highly-qualified staff members and by providing seed money to attract outside capital. Representing the Faculties of Agriculture, Engineering, Medicine, and Science, this research body has taken on one of the most demanding tasks facing Canadian universities today – developing a solid base in the interdisciplinary field that has rapidly developed out of recent breakthroughs in the genetic manipulation of microorganisms, plants, and higher organisms. Studies are currently being conducted at McGill in such socially significant areas as agricultural and food engineering; microbial technologies for industry, medicine, and agriculture; fermentation technologies; genetic engineering; and enzyme production. Over the next five years, the dean would like to put some $1.3 million towards the consolidation of this multi-talented biotechnological endeavour.

The Graduate School of Library Science has long been recognized as a leader in its field, being the first in Canada to offer a master's degree and to be accredited by the American Library Association. The School wishes to remain in the vanguard of librarianship education. To do so, it must keep up with recent demands from libraries, business corporations, and government institutions for information retrieval and data analysis experts. Maclachlan would allocate $17,000 for the School to set up a one-terminal-per-ten-students computer laboratory. He would put $25,000 towards the establishment of a teaching assistantship and $700,000 towards an additional professorship. He would also earmark $150,000 for a five-year, visiting professorship.

McGill, again, led the way in 1974 by launching Canada's first communications studies program. In fact, McGill is still the only Canadian university today to offer a PhD in communications. "Students are attracted to this program," says Maclachlan, "because it's so interdisciplinary. And they are snapped up quickly because all kinds of industries want their expertise." To further this vigorous and appealing program, it is proposed that an Institute of Communication Research be established. The dean would encourage this effort by setting aside some $200,000 towards the hiring of two support staff and another $200,000 for a visiting professorship.

The dean also hopes to give financial assistance to the Centre for Developing Area Studies. Third world students enrolled in this graduate program suffer the dual burden of high foreign student tuition fees and of ineligibility for federal assistance. Maclachlan would use $240,000 to establish two fellowships for them. He would also spend $180,000 for a visiting fellowship program for scholars and senior government officials from developing countries. Attracting such specialists to the Centre would enrich teaching and research endeavours. It would also strengthen ties with foreign research institutes. Such collaborations are necessary if the Centre wishes to solicit external assistance.

In 1974, the School of Social Work established a policy of admitting students from disadvantaged or minority backgrounds to ensure that its social work graduates would be as diverse as the communities they would go on to serve. These are often mature students, some of whom come from the Third World and many of whom have family responsibilities. The dean would assist them through a $50,000 bursary program.

He would also assist two far-flung research projects. McGill's Subarctic Research Station in Schefferville, Quebec, needs $10,000 to purchase a small, desk-top computer. "In such a remote place, it will be the only computer within 1,000 miles," says Maclachlan. Plugging into the university's central computer system in Montreal, it would enable researchers to stay in the north for longer periods and cut down on the large expense of flying them back and forth to compile their findings. He would put another $52,000 towards the maintenance and replacement of the Station's trucks and snowmobiles, vehicles whose lives are shortened by harsh climate, rocks and muskeg.

Travel expenses are also a consideration for scholars wishing to do field work at Canada's only tropical research station – the Bellairs Research Institute of McGill in St. James, Barbados. "Granting agencies prefer to fund Canadian-based projects," explains Maclachlan. "First, it's hard to get money to spend time down there. Then if there is enough grant money to do the work, it's the getting down and living there that stops them." To help those wishing to work for a few months at Bellairs, Maclachlan would establish a $125,000 endowed research fellowship.

Summing up this list of research projects in a few concluding words, Maclachlan adds, "All the projects I've identified as high-priority are in a rapid stage of development. They are already strong at McGill, and we want to make sure that they get stronger." □

Alpha, beta, and radium-C: Reopening the Rutherford Museum

by John Geeza



John Geeza

Newly-appointed Curator of the Rutherford Museum Dr. Montague Cohen, has a warm working relationship with retired Curator Dr. Ferdinand Terroux (seated).

In the Macdonald Physics Building, newly-renovated to house the physical sciences and engineering library, is a modest room on the third floor. It was ceremoniously reopened this fall as a museum that will serve to document nine years of Nobel Prize-winning research conducted at McGill by one of the university's greatest scientists – Ernest Rutherford. In its five oak display cabinets are materials explaining the nature of such things as alpha rays and radioactive transformations. As well, there are letters and other documents, handwritten by Rutherford, and a few dozen pieces of laboratory apparatus. The tarnished brass and apparent simplicity of these items belie the fact that they were not only conceived by genius, but helped revolutionize modern science.

Dr. Montague Cohen, recently-appointed curator of the Rutherford Museum, points to his favorite exhibit. It is a brass cylinder about 20 cm long. A nozzle at the side connects it to a vacuum pump. At the bottom is an entrance slit that allows alpha particles from a wire coated with radium-C to pass up the cylinder. These particles rising up from the radium produce an image on a small photographic plate supported near the top of the tube. But when a high voltage is applied across a pair of parallel brass plates, sitting less than 1 mm apart just above the slit, the alpha particles are deflected and the photographic image is displaced. This small displacement – less than 2 mm – allowed Rutherford to make an accurate calculation of the velocity and charge-to-mass ratio of the particles and hence to deduce that they were probably doubly-charged atoms of helium. It was an important step towards understanding the nature of radioactive transformations.

"Rutherford," says Cohen, "was a giant among giants, a contemporary of the Curies, Bohr, Einstein, and Planck." He was also, Cohen adds, the greatest faculty member McGill has *ever* had. In 1898, at the age of 27, Rutherford, a New Zealander by birth, was enticed from Cambridge University to the relative backwaters of McGill by the promise of a full professorship and superb laboratory facilities. For the next nine years, he pursued his systematic exploration of radioactivity and radioactive transformations.

At the Cavendish Laboratory in Cambridge, Rutherford had become aware that uranium, radium, and thorium gave off two kinds of radiation. One kind, the "beta" rays, penetrated solid materials fairly easily, but only weakly ionized air; the other, called "alpha," was readily stopped by a thin sheet of cardboard, but strongly ionized air and other gases. At McGill, Rutherford studied mainly the alpha rays (their particulate nature was not realized until 1902) and used several instruments for measuring ionization that are on display in the Museum today.

The nature of the alpha rays was only one aspect of the radioactive puzzle. Of equal importance was the nature of the radioactive process itself. The key to this was the mysterious "emanation" produced by both radium and thorium that could be carried off from its parent substance by a current of air. Frederick Soddy, the young McGill chemist who assisted Rutherford, showed that the emanation was itself radioactive and behaved like an inert gas similar to helium or argon. They found that a metal rod in contact with the emanation became radioactive – a phenomenon at first labelled "induced radioactivity" until it was realized that the gaseous emanation had deposited a solid radioactive material on the rod.

What Rutherford and Soddy (who would also become a Nobel Laureate) had discovered in their emanation investigations was that a radioactive element such as thorium not only emits a massive particle (the alpha particle), but in so doing produces a distinctive element, thorium-X, with its own chemical properties and itself radioactive. Thorium-X, in its turn, also emits an alpha particle and produces an inert radioactive gas, thorium emanation, which in turn....

Today we would describe these successive events as a "radioactive series," but in Rutherford's time the idea that a primordial element could transmute spontaneously into another element was revolutionary indeed – a return to medieval alchemy! Yet this was precisely what Rutherford proposed. And later in his work in England with Neils Bohr at Manchester, he elucidated the *mechanism* of these changes, which in turn gave rise to the atomic model we all know from our school texts – the heavy nucleus surrounded by whirling electrons, like a sun with its planets.

In 1908, after returning to England, Rutherford was awarded a Nobel Prize for his work done at McGill. The equipment he had designed and used in Canada was left behind to be recycled or "cannibalized" for the construction of other apparatus. Fortunately, a large proportion was rescued from this fate by Professor Howard Barnes, who had collaborated with Rutherford and later became the director of the Physics Building.

After Rutherford's death in 1937, A.S. Eve, a distinguished physicist who had assisted Rutherford at McGill, was asked to write an official biography. He needed photographs of the extant equipment and took up the matter with Dr. Ferdinand Terroux, BSc'25, MSc'26, who had meanwhile "inherited" a cupboardful of the neglected and abandoned equipment. Terroux realized the importance of this apparatus, since he had worked under Rutherford in the early 1930s,

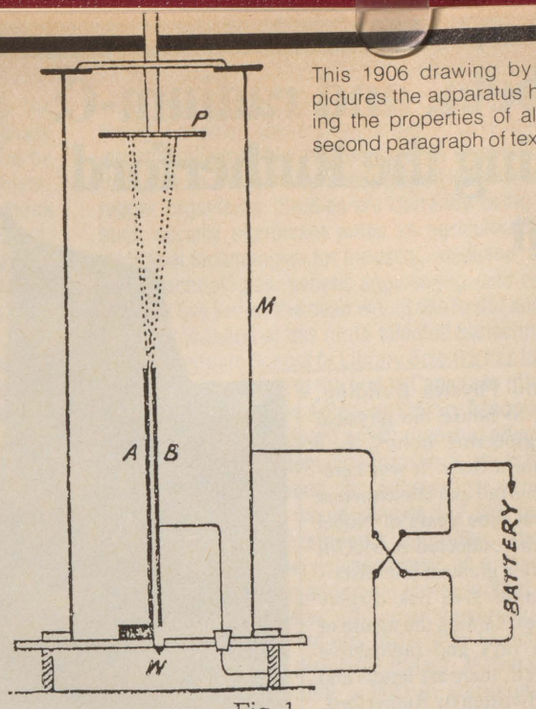
during the latter's final years at the Cavendish Laboratory, and set about to slowly restore it. Cleaning tarnished brass, restoring electrical connections, and identifying and cataloguing the nature and purpose of each of the forty or so items was no small task. Terroux undertook these labours with meticulous and loving care; and without his heroic efforts of restoration the Rutherford Museum would have remained an idle dream.

Yet cleaned and restored apparatus does not a museum make. Herein enters Lorne Gales, BA'32, BCL'35, LLD'79, McGill fund-raiser extraordinaire, who conjured sums out of the air for a museum. And Professor Norman Shaw, chairman of the physics department until 1952, also served as a major protagonist in this scheme. The Rutherford Museum was opened in 1967 on the third floor of the Macdonald Physics Building with Terroux, who had just retired from a physics professorship, as its first curator. In 1977, when the physics department moved to the appropriately-named Rutherford Physics Building, it was decided to retain the Museum in the original structure where the master had worked.

On September 23, 1983, Chancellor Conrad Harrington, BA'33, BCL'36, reopened the Museum in the presence of such dignitaries as Principal David Johnston, Mr. Gales, Dr. ''Ferdie'' Terroux, and Dr. Cohen, to whom the curator's mantle had just passed. Cohen was the obvious choice. He not only has a warm working relationship with Terroux, but holds appointments in both the Faculty of Science, as a physics professor, and in the Faculty of Medicine, as director of the Medical Physics Unit. His interest in the history of science and in radiation and radioactivity takes us back to the phenomena that launched Rutherford, and the world, into the modern atomic era.

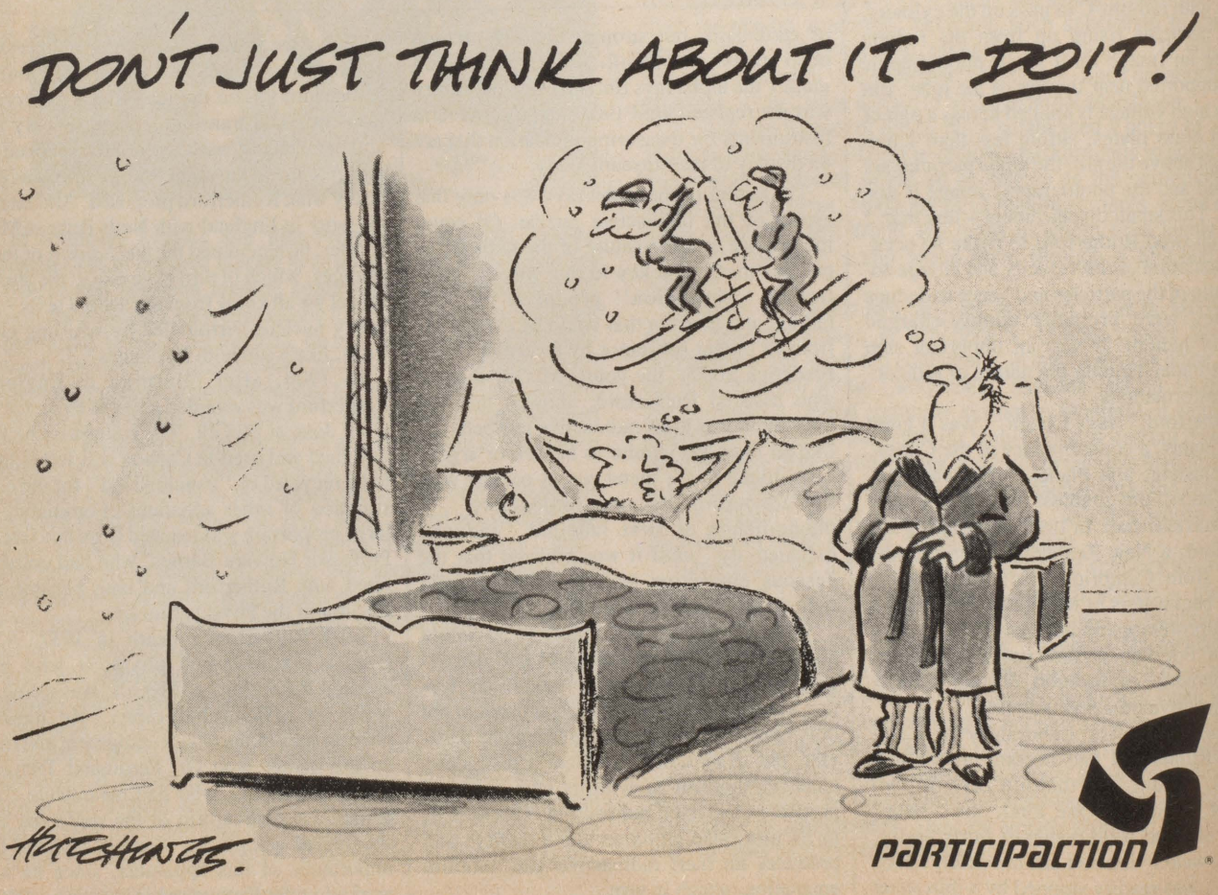
And Cohen is aware of his responsibilities beyond the laboratory. ''Those in the corridors of power tend to be lawyers and accountants rather than scientists,'' he says. ''It's incumbent on scientists to explain to people the importance of their discoveries. Rutherford did this many times. Every scientist has a duty to devote a portion of his time to the public, discussing the implications of his science.''

He and this unique museum help that end. □



This 1906 drawing by Ernest Rutherford pictures the apparatus he used for measuring the properties of alpha-particles. (See second paragraph of text.)

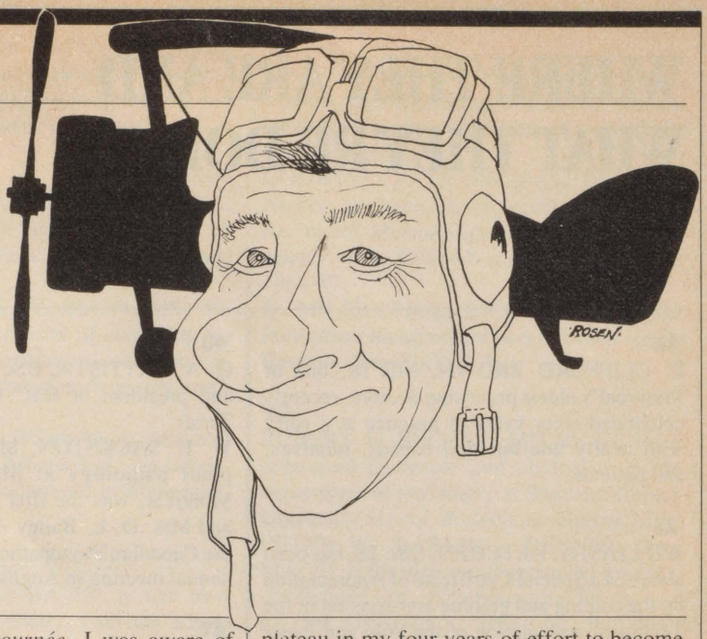
Fig. 1



PERSPECTIVE

My Grand Tour of Quebec

by Principal David Johnston



David Rosen

"What a fantastic province we live in!" This was my reaction as I journeyed across Quebec with the other rectors and principals from the province during National Universities Week, a very successful event organized by the Association of Universities and Colleges of Canada. The purpose of this early-October *tournée* was to celebrate the accomplishments of Canadian universities, and to underline how a healthy system of higher education is important to a healthy society.

Each regional university association planned its own festivities and each campus organized its own schedule of events. The Conference of Rectors and Principals of the Universities of Quebec decided on this unusual *tournée* of the "Flying Rectors" as its special event. This was particularly appropriate for Quebec, where the number of francophone university graduates is still considerably below the Canadian average. Only in recent years has an effort been made to establish regional universities outside of Montreal and Quebec City. And there is still a great need for groups, such as our own, to visit and speak with the citizens of some of Quebec's smaller municipalities in order to make clear the essential role universities have to play.

Rimouski, Chicoutimi, Rouyn-Noranda, Quebec City, Trois Rivières, and Sherbrooke were the stops on our itinerary that began on October 2 and ended in Montreal on October 7. Without exception, we received a warm and enthusiastic welcome from the universities and local townspeople in these areas that we visited.

We also had the opportunity to meet with provincial and federal government officials. At a Quebec City breakfast meeting, I sat beside Premier René Lévêsque and found that my earlier impressions of his well-developed wit and sharp intelligence were confirmed. We touched upon many topics, including the necessity of finding ways to have the mission and benefits of universities better understood by society and especially by public policy makers.

In Ottawa, Secretary of State Serge Joyal, speaking at a dinner he sponsored in recognition of National Universities Week, stressed how large a part the federal government plays in the funding of university education and research. The $5 billion per annum it spends accounts for two-thirds of all government funding of higher education in Canada. Joyal said this effort was often complicated by the fact that many Canadian taxpayers were unaware of the existence or extent of such support.

Throughout the *tournée,* I was aware of how well McGill serves the province of Quebec. The University of Quebec at Rimouski, which has only been in existence for slightly more than a decade, has a particular strength in its Institute of Oceanography. Through a series of strong collaborative research programs, it has drawn from and is now well-connected with McGill's Institute of Oceanography.

At the University of Quebec at Chicoutimi, I was struck by the enthusiasm of Chicoutimines for their university and by the magnificent beauty of the Saguenay region, which I surveyed for the first time. Here too, I found McGill connections. Professor Gérard Bouchard, a social demographer and historian, described to me a genealogical register that he has developed. It records the genetic history of the population of the Lac St. Jean region, extending back to its first settlers. He and Charles Scriver, BA'51, MD'55, of the McGill Center for Human Genetics, have already used this data bank to identify several genetically-transmitted illnesses, among them hereditary rickets. The lessons from this research may eventually be applied to more cosmopolitan areas.

At Rouyn-Noranda, I was conscious of how crucial our university is to this northern, somewhat isolated community. For example, McGill scientists were involved in the original discoveries and the subsequent processing of various minerals, as well as with the training of a number of mining and metallurgy engineering graduates who have worked or are working here. And our Faculty of Medicine has made special efforts, not only to place its younger graduates and medical administrators in the Rouyn-Noranda hospitals, but to deal with the isolation these professionals often experience in such remote communities.

At the University of Quebec in Hull, it was my turn to serve as *porte parole* for the group. In so doing, I delivered a major address on university research and conducted a press conference and several lengthy television interviews, all in French. This was a personal plateau in my four years of effort to become bilingual. It was especially satisfying that it occurred with this group of colleagues, because they have been particularly supportive and at times unusually tolerant of my usage of the language of Molière.

While at the University of Quebec at Trois Rivières, I met with the rector, Professor Louis Hamélin. Together we reviewed plans for the fourth Fur Trade Conference to be held at McGill in the summer of 1985. Hamélin, a geographer, will chair this event that is being organized jointly by our university and the Macdonald Stewart Foundation.

And at the twenty-five-year-old, "new francophone" University of Sherbrooke, our group discussed the theme of the university as employer. We also considered how a university can serve the development of a region. The University of Sherbrooke and its neighbour, Bishop's University in Lennoxville, stand as examples, having both deeply influenced the quality of life in the Eastern Townships.

Our last day was spent in Montreal at a luncheon attended by representatives of the press, business, the professions, and other institutions. Here we concluded that the *tournée* had successfully demonstrated what a university is and had served to emphasize the positive links existing between our universities and society. It had reinforced the visibility of certain new Quebec university campuses. And our tour also managed to sensitize university staff and students across the province to the fact that they can act as ambassadors by explaining our mission to the public.

On a personal note, it was exciting to see what an impact the newer university campuses were having on the various regions of Quebec and what a talented group of younger people, rectors, administrative staff, and professors was actively involved in these schools. The enthusiasm and support that was shared by so many for the advancement of learning and, therefore, the advancement of our society, will certainly be a positive force for Quebec and Canada in the future. □

WHERE THEY ARE AND WHAT THEY'RE DOING

'18

E. CLIFFORD BROWN, MD'18, one of Montreal's oldest practising doctors, recently celebrated sixty years of practice at a party with nearly one hundred friends, relatives, and patients.

'28

WILLIAM A. KETCHEN, BSc'28, has been awarded a Special Certificate of Appreciation by the coating and graphic arts division of the Technical Association of the Pulp and Paper Industry.

'29

NORAH B. LONGWORTH, BCom'29, Prince Edward Island's "Horseman of the Year" in 1981, has recently had a race named after her, The Lady Norah Open Two Year Old Place, at the Charlottetown Driving Park.

J. P. (BUD) McINERNEY, MD'29, was recently honoured at a dinner of appreciation given by the St. Joseph's Hospital Foundation, Saint John, N.B.

'32

DAVID E. SHERMAN, MD'32, was recently awarded honorary membership in the Canadian Association of Gerontology at their annual meeting in Moncton, N.B.

'33

NAOMI JACKSON GROVES, BA'33, MA'35, recently published two books on her uncle A. Y. Jackson, *The Arctic, 1927* and *Young A. Y. Jackson,* and a recent issue of *Northward Journal* (Penumbra Press) was devoted entirely to her writing and paintings.

'37

EVANS B. REID, BSc'37, PhD'40, retired chairman of the chemistry department, Colby College, Waterville, Me., recently had a one-person show of his paintings in the gallery of Thomas College, Waterville.

'39

MONTY BERGER, BA'39, has been elected chairman of Berger & Associates, a public relations and marketing communications consulting firm.

B. SEYMOUR RABINOVITCH, BSc'39, PhD'42, professor of chemistry at the University of Washington, Seattle, was named 1984 Michael Polanyi medalist by the Royal Society of Chemistry, London, and will also receive the Peter Debye Award in physical chemistry from the American Chemical Society in April 1984.

'40

O. A. BATTISTA, BSc'40, is the chairman and president of RSC Corp., Fort Worth, Texas.

W. E. SACKSTON, MSc'40, professor of plant pathology at Macdonald College, Montreal, was the first recipient of the Dr. and Mrs. D. L. Bailey Award, presented by the Canadian Phytopathological Society at its annual meeting in August 1983.

'41

MAXWELL J. DUNBAR, PhD'41, a professor at the Marine Sciences Centre of McGill University, recently delivered the Irving/Scholander Memorial Lecture, "Northern Marine Ecosystems: Evolutionary Aspects," at the University of Alaska, Fairbanks.

BERNARD J. FINESTONE, BCom'41, has been elected chairman, Quebec region, of the Canadian Jewish Congress, Montreal.

MARY BIGGOR PECK, BA'41, is the author of the recently-published book, *The Bitter with the Sweet: New Brunswick 1604-1984.*

'42

ROBERT L. GRASSBY, BEng'42, has been elected president of St. Mary's Hospital Foundation, Montreal.

JOHN A. HALL, BSc'42, BEng'49, senior vice-president of Noranda, has been elected president of the Ontario Mining Association.

DIMITRIOS (JIM) PANOS, BA'42, MA'44, recently had a collection of short stories entitled *Even Smoke Rising* published by Fellowship in Prayer, Inc., Princeton, N.J.

'45

GEORGE DOUGLAS DENTON, MD'45, DipIntMed'51, recently received a Doctor of Civil Laws, honoris causa, from Acadia University, Wolfville, N.S.

WILLIAM FEINDEL, MD'45, director of the Montreal Neurological Institute and the Montreal Neurological Hospital, has recently been awarded an honorary degree from Mount Allison University, Sackville, N.B.

'46

JOHN C. DAVEY, BCom'46, has been appointed director of marketing for InSystems Inc., Toronto, Ont.

DANIEL WERMENLINGER, BEng'46, head of the Quebec Liquor Corp., recently became the first general director of the Montreal Urban Community.

'47

KENNETH G. W. SMITH, BSc'47, has been elected president and chief executive officer of the Canadian Paint and Coatings Association, Montreal.

'48

DONALD H. DRENNAN, BCom'48, has been appointed president and chief executive officer of the Simmons Group in Canada, Mississauga, Ont.

H. GRAHAM GAMMELL, BSc'48, has been appointed director and chairman of the board of Aberford Resources, Calgary, Alta.

SYLVIA OSTRY, BA'48, MA'50, PhD'54, LLD'72, who recently ended her term as chief economist for the Paris-based Organization for Economic Co-operation and Development, has been named a special economics advisor to the federal government, Ottawa, Ont.

'49

MARGARET BLACKLOCK, BN'49, recently retired as director of nursing of the Montreal Chest Hospital.

PETER M. BROPHEY, BCom'49, vice-president, corporate affairs, of Xerox Canada Inc., has recently become a vice-president of the Canadian Business Equipment Manufacturers Association.

ALLAN L. FORBES, BSc'49, was recently elected president-elect of the American Society for Clinical Nutrition and also received the U.S. Public Health Service Superior Service Award "for outstanding leadership and scientific contributions to public health nationally and internationally in the area of human nutrition."

JAMES MURDOCK, BSc'49, PhD'52, is the president of Chemetics International Ltd., Vancouver, B.C., a company that builds high technology chemical plants.

R.C. PATERSON, BCom'49, has been appointed executive vice-president, treasury and money markets, of the Royal Bank of Canada, Toronto, Ont.

R. KENNETH ROBERTSON, BEng'49, has been appointed president and chief executive officer of Versatile Vickers Inc., Montreal.

JOHN P. ROGERS, BA'49, has been appointed president and chief operating officer of the Molson Companies Ltd.

DAVID B. SMITH, BEng'49, has been appointed president and chief executive officer of Western Co-operative Fertilizers Ltd.

JOAN (HAMILTON) STEWART, BSc'49, has recently been appointed to her tenth year as consumer representative on the Ontario Apple Marketing Commission, and regularly attends the meetings of the Canadian Horticultural Council.

'50

PHILLIP P. ASPINALL, BCom'50, of Montreal, has been appointed president of the Canadian Institute of Chartered Accountants for 1983-84.

WILLIAM E. (TED) BEMBRIDGE, BSc'50, has been named vice-president, international operations, for MSD AGVET, the worldwide animal health and agricultural division of Merck & Co., Inc., Rahway, N.J.

LILLIAN MATTHEWS, BSc'50, has recently retired as chairperson of the department of home economics, Indiana University, Bloomington.

F. ALVIN STEWART, BSc'50, was recently the site chairman for the 1983 International Plow Match and Farm Machinery Show held near Richmond, Ont.

ZIPPORAH (BATSHAW) WISEMAN, BA'50, professor of law at Northeastern University, Boston, Mass., will be the first incumbent of the Robert Brauchers Visiting Professorship, a new Harvard University Law School chair.

'51

J. ARCHIE CARMICHAEL, MSW'51, recently received a Good Citizenship Award from the Tourism Industry Association of Manitoba, Inc.

PIERRE JUTRAS, BSc'51, has been appointed director of the Macdonald Extension Service, Macdonald College, Montreal. (See page 5.)

J. WILLIAM RITCHIE, BSc'51, president of Scotia Bond Co., has been made a director of East Coast Energy Ltd., Halifax, N.S.

'52

JOHN H. DINSMORE, BEng'52, president of Pétromont Inc., has been appointed 2nd vice-chairman of Concordia University's Board of Governors, Montreal.

ROBERT G. GRAHAM, BCom'52, is the chairman of the board of the newly-formed Roam Communications Ltd., a company dealing with advanced communications technology.

W. J. STENASON, BCom'52, MCom'54, has recently stepped down from his position as president of Canadian Pacific Enterprises Ltd. to establish a consulting practice.

'53

RODERICK C. FOSTER, BCom'53, has been appointed to the newly-created position of executive vice-president of Imasco, Montreal.

SAMUEL O. FREEDMAN, BSc'49, MD'53, DipIntMed'58, vice-principal (academic) at McGill, has been appointed a special advisor of the St. Mary's Hospital Development Program, Montreal.

ALLAN A. REID, BCom'53, has been appointed comptroller of the Canada Pension Plan, Health and Welfare Canada, Ottawa, Ont.

GEORGE RIESZ, BA'53, is the vice president, provider development and relations for Nu-Med Medical, Inc., Encino, Ca.

ALFRED N. SEGALL, BA'50, BCL'53, Q.C., has been appointed municipal judge for the city of Cote St. Luc, Quebec.

ROLLA E. WILSON, MD'53, of Montreal, was recently named a fellow of the American College of Radiology in recognition of her outstanding performance in medicine.

'54

JOSEPH FISHMAN, BSc'50, MD'54, MSc'60, has been appointed chief of ambulatory care at the V.A. Medical Center, Castle Point, N.Y.

VERNON G. MacKAY, BSc'54, MSc'56, has been appointed director of marketing for East Chilliwack Co-operatives, a British Columbia agriculture and manufacturing company.

DEREK MATHER, BCom'54, is president of Vencap Equities Alberta Ltd., an investment company headquartered in Edmonton, Alta.

'55

EVE MARSHALL, BA'55, is the new headmistress of The Study, a private school for girls in Westmount, Quebec.

'56

JEAN BABY, BEng'56, has been appointed vice-president, carrier relations and settlements, of Telecom Canada.

J. HUGH FAULKNER, BA'56, has been appointed managing director of the Indian Aluminum Company Ltd., Calcutta, a subsidiary of Alcan Aluminum Ltd.

SAMUEL J. GOLDENBERG, BA'56, has been appointed vice-president, personnel, of Polysar, Ltd., Sarnia, Ont.

JOHN C. KEATING, BEng'56, has been appointed director of corporate affairs and planning for ITT Canada Ltd., and ITT Industries of Canada Ltd.

'57

GORDON G. BALES, BA'57, recently received his C.L.U. designation from the Institute of Chartered Life Underwriters.

IRVING LUDMER, BEng'57, has been appointed president and chief executive officer of Ivanhoe Inc., the real estate subsidiary of Steinberg, Inc.

'58

MICHAEL J. B. ALEXANDOR, BA'58, has been appointed executive vice-president and chief operating officer of Ronalds Western, Vancouver, B.C.

L. YVES FORTIER, BCL'58, a partner in the Montreal law firm of Ogilvy, Renault, has been appointed a special advisor of the St. Mary's Hospital Development Program, Montreal.

Dr. LORNE G. HART, BA'58, has been appointed to the executive of the Canadian Society of Aviation Medicine, and will be their Quebec representative at Canadian Aeronautical and Space Institute meetings.

ALLAN A. HODGSON, BA'58, recently became a member of the Canadian Operations Advisory Board of the Allendale Mutual Insurance Co., Toronto, Ont.

'59

TONY ASPLER, BA'59, of Toronto, Ont., recently published *Vintage Canada*, a book about the Canadian wine industry, with Prentice-Hall publishers.

GODWIN O. PATRICK OBASI, BSc'59, of Nigeria, has been elected secretary-general of the World Meteorological Organization, an agency of the United Nations, for the period 1984-87.

D. MILES PRICE, BA'59, has joined the investment management firm of Neuberger & Berman, New York, N.Y.

'60

ROBERT E. BECKER, MD'60, has been appointed professor and chairman of the department of psychiatry at Southern Illinois University School of Medicine, Springfield.

PETER W. DARLING, BEng'60, DipMan'67, is the director of personnel for Ethicon Sutures Ltd., Peterborough, Ont.

PETER GERGELY, BEng'60, has been appointed chairman of the department of structural engineering at Cornell University, Ithaca, N.Y.

'61

DAN I. ABRAMS, BEng'61, has joined the firm of E. M. Warburg, Pincus & Co., New York, N.Y., as managing director.

C. T. OGRYZLO, BEng'61, has been appointed vice-president of Wright Engineers Ltd. and general manager of eastern Canada operations, Toronto.

DANIEL J. SULLIVAN, BCL'61, has been appointed assistant vice-president and manager, personal services, of the Montreal branch of Montreal Trust.

'62

JOHN CLEGHORN, BCom'62, has been appointed executive vice president, international banking, of the Royal Bank and has recently moved to Toronto, Ont.

MOHAMMAD ANWAR KHAN, PhD'62, is the director of the Central Asia Area Study Centre at the University of Peshawar, Pakistan.

DIONYSIA ZERBISIAS, BCL'62, was recently appointed a judge of the superior court for the District of Montreal.

'63

JOHN van ABBEMA, BSc'63, has been appointed regional manager for the Atlantic provinces of Farm Credit Corp. Canada.

DOUGLAS F. HASLAM, BCom'63, has been appointed president of D. A. Stuart Inc., a Canadian company that produces cutting and grinding fluids, specialty lubricants and cleaners.

MARGARET STEED HENDERSON, BN'63, retired professor and associate dean of the faculty of Nursing at the University of Alberta, Edmonton, was recently awarded an honorary membership in the Alberta Association of Registered Nurses.

ARILD S. NIELSSEN, BEng'63, has been appointed president and chief operating officer of Tahsis Co. Ltd., a British Columbia forest products company.
PETER WEBSTER, DipAgr'63, recently retired executive director of the B.C. Sports Hall of Fame, was named chairman of the Soccer Bowl '83 committee.

'64

A. RAE CAMPBELL, BEng'64, has been appointed a vice-president of Bechtel Canada Ltd., Toronto, Ont.
PETER S. COHEN, BSc'64, MBA'66, has been appointed vice-president and regional director for the province of Quebec for the Marcil Trust Co.
PAUL S. ECHENBERG, BSc'64, has been appointed vice-president, plastics and bag division, of Consolidated Bathurst Inc.
IVAN R. GABOR, MD'64, psychiatrist and psychoanalyst, has been appointed affiliated senior associate of the Adizes Institute, Inc., Santa Monica, Ca.
GERRY KELLY, BEd'64, MA'68, MEd'70, is president of the Grant MacEwan Community College in Red Deer, Alberta, a school specializing in vocational training.
WILLIAM R. ROBERTSON, BSc'64, has joined the Atlanta, Ga. office of Peat Marwick, an international professional accounting firm.

'65

DANIEL C. CHIN, DDS'65, was elected president of the Chicago Society of Oral and Maxillofacial Surgeons for 1983-84.
JOHN PRIOR, BSc'65, has been appointed vice-president, information systems, of Crown Life Insurance Co.

'66

ALLAN D. FLEISCHER, BCom'66, has been appointed director and vice-president of Carsilco International Ltd., a Canadian textile importing company.
SUSAN M. KERSHMAN, BA'66, is an associate professor at the Pennsylvania College of Optometry, Philadelphia.
BARRY Z. SCHACTER, BEng'66, MBA'70, has been appointed vice-president, marketing, of the IDEA Corp., a technological Ontario Crown corporation.
FRANK SLOVER, BA'66, has been named director of corporate communications for Georgia-Pacific Corp., Atlanta, Ga.

'67

JEAN AUBERT, BCL'67, has joined the Montreal firm of McLeod Young Weir, Ltd., as vice-president.
MARY ELLEN JEANS, BN'67, MSc'69, PhD'76, has been appointed associate dean of Medicine and director of the school of Nursing, McGill University.
DAVID H. LAIDLEY, BCom'67, has recently become the chairman of the board of governors of the Royal Victoria Hospital, Montreal.
JACQUES LARIVIERE, MBA'67, is the vice president, planning and development, of Culinar.
CHARLES F. MACFARLANE, BCom'67, MBA'69, has been appointed vice-president, personal trust services of the Royal Trust Corp. of Canada.
KEVIN O'CONNELL, BEng'67, MEng'70, DipEd'73, a full-time physics instructor at Vanier College, is presently on a teaching exchange at Kwantlen College in Vancouver, B.C.
MEL A. SAUVÉ, BEng'67, MBA'71, has been appointed vice-president of marketing, Planters division, of Nabisco Brands Ltd.
GRAHAM WILSON, BSc'67, has been appointed vice-president of finance for Petro-Canada, Calgary, Alta.

'68

JOSEPH BERGER, BA'65, BCL'68, has recently been appointed the president and general manager of Sherwin-Williams Canada, Inc.
CARMINE FALCONE, BEng'68, has been appointed general manager, corporate strategies, of Shell Canada Ltd., Toronto, Ont.
MORTY B. LOBER, BCom'68, was recently admitted to partnership in the firm of Levitsky, Feldman, Wexler & Associés.
E. COURTNEY PRATT, BA'68, has been appointed national director of management consulting services of Touche Ross & Partners in Toronto, Ont.
VAL MARY (HARDING) STOLZ, BSc'68, has recently received a doctorate in Educational Psychology at the University of Regina, where she now teaches part-time.

'69

ROBERT P. BOUTIN, BA'69, has been appointed executive vice-president of Charme et Beauté Lise Watier Inc., a cosmetics company.
MAURRY EPSTEIN, MA'69, recently received a Medal of Bravery from Governor General Ed Schreyer for rescuing six people overcome by carbon monoxide fumes from a car left running in the garage of a house.
MICHAEL C. SHINER, BSc'69, DipEd'72, recently received a master's in education from the University of Saskatchewan, Saskatoon.

'70

NORMAN E. THOGERSEN, BA'70, has been appointed marketing manager, Chloralkali Business Group, Industrial Chemicals Division of C-I-L Inc.

'71

JOYCE BORENSTEIN, BA'71, recently won the *Grand prize de Montréal* at the World Film Festival for her film "La Plante."
DAVID JACK HOLLOMBY, BSc'67, MD'71, a specialist in nephrology and on staff at the Royal Victoria Hospital, Montreal, has been named a fellow of the American College of Physicians.
STELLA E. HUMPHRIES, BSc'71, recently received her PhD from the Australian National University, Canberra.
RICHARD KUZIOMKO, BSc'71, MBA'82, has been appointed manager, market planning, for the newsprint and pulp businesses of CIP.
RICHARD LANDE, BA'71, won the British Railways Medal for 1983, a medal given for the best publication on a rail subject.
RON RODECK, BSc'71, has been appointed marketing manager, film, of Hercules Canada, Ltd.

'72

BETH BUDD, BSc'72, MSc'74, has been appointed assistant secretary and legal counsel for Hawker Siddeley Canada Inc., Toronto, Ont.
PAVEL HAMET, PhD'72, internationally-acclaimed researcher into diabetes and hypertension, has been named a Great Montrealer of the future.
JOHN D. HENDERSON, BA'72, recently received a bachelor of laws degree from the University of Saskatchewan, Saskatoon.
MICHEL KOZLOVSKY, LMus'72, BMus'74, MMA'76, is the director of the Conservatoire de Musique du Québec in Chicoutimi.
HELEN M. TROJANOWSKI, BN'72, received a juris doctor degree from the New England School of Law, Boston, Mass., in 1983.

'73

J. R. (RAY) McMANUS, BCom'73, has been appointed senior vice-president of the Mercantile Bank of Canada's eastern division.
PETER VAMOS, MEd'73, is the general director of The Portage Program, a therapeutic community for drug rehabilitation at Lac Echo, forty-five miles north of Montreal.

'74

JONATHAN HAYNES, BA'74, has been hired as an assistant professor of English at Albion College, Albion, Mich.
PIPPA G.HALL-HENDERSON, BEd'74, recently received a medical degree from the University of Saskatchewan, Saskatoon.
JEAN-PIERRE ROSTAING, BCL'74, has been appointed a project manager to the land management branch of the Canadian Oil and Gas Land Administration Department, Ministry of Energy, Mines, and Resources, Ottawa, Ont.

'75

JACK BERNSTEIN, BCL'75, LLB'76, has been appointed a principal of the firm Laventhol & Horwath, an accounting, auditing, and management consulting firm.

ROGER N. BUCKLEY, PhD'75, a professor of history at the University of Hartford, West Hartford, Conn., has been awarded a basic research grant of $52,000 from the National Endowment for the Humanities to complete his work on a two-volume history of the French Revolution and Napoleonic Wars in the West Indies.

DENIS L. GASPÉ, BEng'75, has been appointed manager, engineering and projects, for Fording River Operations, one of Canada's largest metallurgical coal mines.

ROLAND HOAG, PhD'75, is the vice-president for exploration of BCI Geonetics, Inc., of Laconia, N. H., a water drilling company.

GORDON A. IRONS, MSc'75, PhD'78, recently shared the John Chipman Award, given by the American Institute of Mining and Metallurgical Engineering, for the best paper of the year relating to the production of iron and steel.

JEAN PELLETIER, BSc'75, has been working for the past three years as a geologist for Phillips in Abidjan, Ivory Coast.

'76

Dr. VINCENZO F. DiNICOLA, BA'76, a resident in psychiatry at the Institute of Community and Family Psychiatry, McGill University, recently presented a paper at the annual conference of the Canadian Psychiatric Association that was awarded the $500 C.P.A. prize for research in psychiatry.

FRANCOISE GUÉNETTE, BCL'76, has been appointed vice-president and secretary of the National Bank of Canada.

KATHARINE HENDERSON, BSc'76, is director of physical therapy at Carney Hospital, Boston, Mass.

ISABEL MILTON, BN'76, MSc(Appl)'79, is the director of nursing at St. Peter's Centre, a geriatric, chronic care hospital in Hamilton, Ont.

J. CRAIG STIRLING, BA'76, has published his Concordia master's thesis, *The St-Hilaire Church Interior Decorations (1896-1900) of Ozias Leduc,* that served as a catalyst for the costly restorations of the church.

'77

ISABELLA C. BASSIGNANA, BSc'77, was recently a visiting scientist at the Centre d'Études Nucléaires de Saclay, France, and is presently at the University of Munich, Germany.

JOHN R. D. BONAR, BA'77, has been appointed vice-consul of the Canadian Consulate General, New York, N.Y.

CARLOS FERNANDO CHAMORRO, BA'77, is the editor of Nicaragua's largest newspaper, *Barricada.*

NATHAN LAUFER, MD'77, has completed a fellowship in Cardiology at the University of Michigan, Ann Arbor, and has joined the faculty there as a clinical instructor in the department of internal medicine.

Dr. LEILA G. MITCHELL McKEE, BA'77, recently received her PhD from York University and is a visiting assistant professor at the University of Toronto.

DEANE M. PERKINS, PhD'77, associate professor of philosophy and religion at Norwich University, Northfield, Vt., is the 1983 recipient of the $1,000 Dodge Award for excellence in teaching.

'78

P. JEFFREY S. GRAHAM, BCom'75, BCL'78, LLB'79, has completed the admission requirements to the Bars of Ontario, Quebec, and the District of Columbia, and has joined the Washington, D.C. law firm of Hogan & Hartson.

ANN KITCHING, MA'78, is the new principal of the Richmond campus of Kwantlen College, Vancouver, B.C.

RICHARD B. MacDONELL, BEng'78, has been appointed regional manager for Quebec, Ontario and Eastern Canada for Reinforced Earth Co. Ltd.

JUDITH MEGAN RORISON, BSc'78, received a DPhil from Oxford University in 1982 and is now employed by the British Ministry of Defence at Malvern, England.

'79

BRIAN COUSENS, BSc'79, is working as a research assistant in the department of Oceanography at the University of British Columbia, Vancouver, doing research on the chemistry and mineralogy of deep sea manganese nodules from the Pacific Ocean.

MICHAEL GAVIN, BA'79, recently graduated from journalism school at the University of Western Ontario and is working on a weekly newspaper in Bracebridge, Ont.

PIERRE MATUSZEWSKI, MBA'79, has been nominated vice-president of McLeod Young Weir Ltd., an integrated investment banking firm.

LYNN DIANE MONTREUIL, BSc'79, recently graduated from the coast guard college in Nova Scotia and is now a junior relief engineer for the Canadian Coast Guard Fleet, Victoria, B.C.

TIMOTHY G. SMITH, BEng'79, is smelter superintendent, Afton Operating Corp., Kamloops, B.C.

'80

MAUREEN CALES, BSc'80, MSc'82, has been appointed manager of the mortgage division for Rothenberg & Rothenberg Annuities Ltd.

LINDA S. GREENE, BSc'80, is studying for a master's degree in biochemistry at Ottawa University.

KEN NORRIS, PhD'80, poet, editor and anthologizer, is the writer-in-residence at McGill for 1983-84.

TREVOR PAYNE, BMus'80, is the director of the Jubilation Gospel Choir, Montreal.

LYON J. SCHWARTZBEN, BSc'76, DDS'80, recently completed postdoctoral studies in endodontics at the University of Pennsylvania, School of Dental Medicine, and is now in private practice both in Montreal and Ottawa, Ont.

'81

DAVID AFTERGOOD, BA'81, recently received a degree in economics from the University of Saskatchewan, Saskatoon.

PHILLIP K. BURGESS, BA'81, a real estate broker for Ryan, Elliott and Co., Inc., Boston, Mass., has recently completed his second year of law at the New England School of Law, Boston.

CARLEEN CARROLL, BA'81, recently worked as a parliamentary intern for the Ontario government, in a program primarily sponsored by the Canadian Life and Health Insurance Association.

JOHN DICKIE, LLB'81, recently opened his law practice in Ottawa, Ont., with a specialty in rent review hearings.

ANNA-MARIE (MacKENZIE) KELLY, BEd'81, is teaching at Landmark East, a private school for learning-disabled students, in Wolfville, N.S.

KATHLEEN MARIA MIZZI, BA'81, was recently named to the dean's list at the New England School of Law, Boston, Mass.

LEAH MIRIAM ROSENFIELD, BA'81, completed an internship at Brandeis University, Waltham, Mass., and has joined their development staff.

HAZEL MURIEL THOMPSON, BEd'81, is taking her master's degree in educational technology at Concordia University, Montreal.

SETH J. VOGELMAN, BA'81, has finished a year's work on behalf of Zionism and Oppressed Jewry and has recently moved to Kibbutz Ketura, Israel.

'82

JOHN GOCEK, BA'82, is a junior foreign exchange trader with Marine Midland Bank in New York, N.Y.

NANCY MOTT MACLEAN, MBA'82, has been appointed director, Healthcom division, of The Halls Group.

ROBERT W. WINTEMUTE, LLB'82, BCL'82, is practicing law with the bankruptcy department of Milbank, Tweed, Hadley & McCloy, New York, N.Y.

'83

DIANA DURNFORD, BEng'83, recently received the Arthur Surveyer Medal, sponsored by the SNC Group, awarded annually for excellence in engineering studies at McGill.

HILLEL M. FINESTONE, BSc'79, MDCM'83, is in his first year in the family medicine residency program at the Ottawa General Hospital, Ont.

TOM POTTER, BEd'83, is the director of physical education at the Westmount YMCA, Montreal.

SERGE P. POULIN, MD'83, recently began residency training in family practice medicine at the Hahnemann Family Health Center, Worcester, Mass. □

DEATHS

'10
WILLIAM GORDON HANSON, BSc'10, at Montreal, on Oct. 5, 1983.

'12
R. V. COLVILLE SINCLAIR, BCL'12, at Hamilton, Bermuda, on June 23, 1983.

'13
PERCY E. CORBETT, BA'13, MA'15, DCL'61, McGill Dean of Law 1928-1936, at Newport, Vt., on Oct. 24, 1983.

'14
F. HILTON WILKES, BArch'14, at Toronto, Ont., in June, 1983.

'19
PERCY L. BACKUS, MD'19, at London, England, on Aug. 3, 1983.
LESLIE A. GOODRIDGE, MD'19, at Moncton, N.B., on Oct. 20, 1982.

'21
GEORGE M. HALE, DDS'21, at St. Lambert, Que., on Oct. 19, 1983.
WALLACE ROSS HENRY, BCL'21, at Montreal, on June 20, 1983.
ABRAHAM W. LEFCORT, BCom'21, at Montreal, on Nov. 9, 1983.
CHARLES CHAPPELLE PHELAN, BCL'21, at Winnipeg, Man., on Nov. 16, 1983.

'22
JOHN R. BRADFIELD, BSc'22, LLD'68, on Oct. 29, 1983.

'23
GILBERT BISHOP, BSc'23, at Calgary, Alta., on Sept. 12, 1983.
ARTHUR L. CREWSON, MD'23, on July 25, 1983.
GARFIELD DUNCAN, MD'23, at Chester County, Pa., on June 17, 1983.
SOLOMON GOLD, MD'23, at Montreal, on August 5, 1983.
WILLIAM A. McDONAGH, DDS'23, at Windsor, Ont., on Aug. 20, 1982.
LENDRUM EDMUND McMEANS, Eng'23, at Ottawa, Ont., on Sept. 14, 1983.
ROYDEN M. MORRIS, BCom'23, at Mississauga, Ont., on Sept. 15, 1983.
WALTER S. PHELPS, DDS'23, at Montreal, on Sept. 14, 1983.
ZERADA SLACK, BA'23, DipPE'24, DipPE'34, at Toronto, Ont., on Jan. 2, 1983.
JAMES M. VAUGHAN, BSc'20, MD'23, at New York, N.Y., on Sept. 17, 1983.

'24
ANNE (TARSHIS) BATSHAW, BA'21, MD'24, at Montreal, on Nov. 11, 1983.
Rev. DUNCAN HERBERT MacFARLANE, BA'24, MA'26, at Waterloo, Que., on Sept. 18, 1983.
ARTHUR DOUGLAS RICHARDSON, DDS'24, at Ontario, on July 15, 1983.

'25
FREDERICK WYKEHAM BRADSHAW, BSc'25, at Montreal, on July 6, 1983.
T. B. MacCALLUM, DDS'25, at Sault Ste. Marie, Ont., on March 23, 1983.
Brig. Gen. CLIFFORD S. THOMPSON, MD'25, at Ottawa, Ont., on Aug. 6, 1983.
MILDRED (RICHARDS) WHITE, DipSocWk'25, on May 12, 1983.

'26
Rev. LOUISE W. (HURD) MacLEAN, BA'26, in Vermont, September 1983.

'27
BERTHA (NEWMAN) ROUGH, DipPE'27, at Montreal, on Oct. 24, 1983.

'28
OLIVE ADELYN HIBBARD, LMus'28, at Montreal, on Oct. 24, 1983.
JEAN B. MALTAIS, MSc'28, on Sept. 10, 1982.
H. STIRLING MAXWELL, BArch'28, at Montreal, on Nov. 17, 1983.
Ven. BENJAMIN JAMES THORPE, BA'28, MA'32, at London, Ont., on Sept. 13, 1983.

'29
Rev. SAMUEL L. POLLARD, BA'29, MA'30, at Toronto, Ont., on Sept. 9, 1983.
THEODORE H. SHAPIRO, BA'29, at Montreal, on Sept. 3, 1983.
MARGARET GORDON SYVERTSEN, BHS'29, on Aug. 17, 1983.

'30
DAVID COSTOM, MD'30, at Montreal, on June 24, 1983.

'31
JOHN W. GERRIE, MD'31, at Montreal, on August 6, 1983.
MOLLY (MARY ELIZABETH BISSONNET) PUDDINGTON, BA'31, at Ottawa, Ont., on Oct. 13, 1983.

'32
MARJORY (LIPSEY) AUSTIN, BHS'32, at Pincher Creek, Alta., on May 3, 1983.
JOHN VERNON RICHES, MD'32, at Ontario, on July 16, 1983.

'33
JOHN A. DAVIDSON, BSc'28, MD'33, at Ottawa, Ont., on July 22, 1983.
ANNA L. PHILBROOK, MD'33, at Concord, N.H., on Aug. 18, 1983.

'34
PATRICK M. T. BEATTS, BA'34, at Los Altos, Ca. on Nov. 8, 1983.

'35
JACK BARZA, BEng'35, at Chicago, Ill.
Rev. J. MORTON FREEMAN, BA'35, at Calgary, Alta., on June 16, 1982.
WILLIAM FINLAY McMARTIN, BA'30, MD'35, at Hudson, Que., on June 29, 1983.
ROBERT H. MONTGOMERY, BCL'35, at Windsor, N.S., on Sept. 6, 1983.
ELSPETH (SELKIRK) SHARPE, BA'35, at Langley, B.C., on June 28, 1983.
JACK VINOKUR, BA'35, at Toronto, Ont., on Sept. 22, 1983.

'36
J. G. BISSON, BCom'36, on June 24, 1983.
KENNETH STEPHEN RITCHIE, BA'32, MD'36, at Ottawa, Ont., on Oct. 15, 1983.

'37
WILLIAM BUSH, BA'37, at Sidney, B.C., on Oct. 27, 1983.
BERTHA ELIZABETH (STEELE) HOOPER, DipNurs'37, at Sherbrooke, Que., on Nov. 6, 1983.

'38
ESTHER (SALOMON) GELBER, BA'38, at Toronto, Ont., on Nov. 7, 1983.
Rev. EDWARD G. KETTLEBOROUGH, BA'38, at Cowansville, Que., on June 23, 1983.
H. KEITH MARKELL, BA'38, at Stowe, Vt., on Aug. 10, 1983.

'39
JOHN L. BURNIE, BEng'39, at Port Credit, Ont., on June 16, 1983.
JOSEPHINE (SHEFFIELD) JOHNSTON, BLS'39, at Brockville, Ont.
EVELYN RAE (STAPELLS) MATHESON, BHS'39, at Toronto, Ont., on Oct. 26, 1983.
J. LLOYD MORROW, MD'39, on Sept. 21, 1983.
PHEBE GROSS PRATT, BLS'39, on July 8, 1983.

'40
MARY FULLER, BA'40, at Montreal, on Nov. 16, 1983.
Rev. ARCHIBALD EARL WILFONG, BA'40, at Beamsville, Ont., on Aug. 22, 1983.

'41
RODERICK REED JOHNSTON, BA'41, at Montreal, on Nov. 17, 1983.
FREDA N. WALES, DipPE'41, BSc'47, at Halifax, N.S., on March 11, 1982.

'42
JOHN WRIGHT HALPIN, BSc'42, at Ottawa, Ont., on Oct. 19, 1983.
MARY T. (EDDY) HAY, BA'42, at Oro Station, Ont., on Aug. 19, 1983.

'43
ALBERT R. HICKS, MD'43, on May 20, 1983.
R. ROSS MacDONALD, BA'43, MA'46, at Falls Church, Va., on June 16, 1983.

'44
JOHN D. CAGEORGE, BSc'35, MD'44, at Kingston, Ont., on Sept. 12, 1983.

'45
WINNIFRED (ROSS) SIMS, BSc'45, at Sherbrooke, Que., on Aug. 1, 1983.

'46
OLLI K. LAUREN, BEng'46, on August 9, 1983.

'47
ROBERT C. GUNTON, PhD'47, at Newark, Ca., on Sept. 21, 1983.
MARTIN M. HOFFMAN, PhD'43, MD'47, at Vancouver, B.C., on Nov. 17, 1983.
NORMAN DOUGLAS JOHNSTON, BCom'47, at Montreal, on Sept. 5, 1983.
A. LOUISE MAXWELL, DipNursAdm'47, on June 28, 1983.

'48
GUYNEMER TOLLANDAL GIGUERE, BEng'48, at Montreal, on August 10, 1983.
HAZEL JEAN (CLARK) HAMILTON, BSc'48, at Zurich, Switzerland, on Oct. 10, 1983.
SAMUEL McPHERSON HENDERSON, BSc'48, at Montreal, on Nov. 6, 1983.
PERCY W. LANE, BA'48, at Montreal, on Oct. 3, 1983.
JOHN BEVERLEY ROSS, BEng'48, at Jackson, Mich., on Oct. 24, 1983.

'49
CLAUDE LAVERY, BCL'49, at Montreal, on July 7, 1983.

'51
Dr. M. ARNOLD DAVIS, BSc'51, at Montreal, on May 30, 1983.
RICHARD KEITH MacKENZIE, BSc'51, at Toronto, Ont., on Nov. 18, 1983.
MURRAY F. PITTUCK, BEng'51, at Montreal, on July 9, 1983.

'52
GRACE (HOPKINS) KLUGMAN, BSc'52, at Sudbury, Ont., on Oct. 15, 1983.

'54
SEYMOUR J. SOFER, BSc'54, on Oct. 29, 1983.

'55
TIMOTHY G. COLLINGE, BSc'55, at Toronto, Ont., on Nov. 8, 1983.

'56
BENOIT J. CLAVET, BEng'56, on July 3, 1982.

'57
A. W. MICHAEL ROBERTSON, DDS'57, at Vancouver, B.C., on Aug. 2, 1983.
ELIZABETH (CHURNEY) ZERVOS, Dip-Nurs'57, at Montreal, on Aug. 18, 1983.

'58
EDWARD J. DOHERTY, DDS'58, at North Providence, R.I., on June 24, 1983.

'59
ALDONA O. (SOSTAKAITE) JAUGELIS, DDS'59, at Montreal, on Sept. 12, 1983.

'66
JOHN J. MASKOLIUNAS, BSc'66, at Montreal, on Aug. 29, 1983.

'69
JOHN H. CLARK, MSc(Agr)'69, PhD'73, at Ottawa, Ont., on Oct. 13, 1983.
STEPHEN F. PATON, BEng'69, at White Rock, B.C., on July 28, 1983.

'70
ROBERT L. BEAUCHAMP, DipMan'70, at Montreal, on July 1, 1983.

'72
FLORENCE (LUNDBLAD) DAILY, BN'72, at London, Ont., on May 25, 1983.
ANNE MARY PALUSZEK, BSc'72, at St. Louis, Mo., on Aug. 14, 1983.
MAUREEN (O'CONNELL) SCHNEEWEISS, BA'72, at Vancouver, B.C., on Aug. 2, 1983.

'74
PAMELA GOLDMAN-WEXLER, BA'74, on August 2, 1983.

'76
IAN MARTIN SAMIS, LLB'76, BCL'77, at Toronto, Ont., on July 3, 1983.

'77
JAMES FRANK LOCKE, BA'77, on Oct. 11, 1983.
LILIANE STAMBOULIEH, BSc'77, at Hawkesbury, Ont., on July 17, 1983.

'78
ANNETTE SELINGER, DipContEd'78, at Montreal, on July 20, 1983. □

COME BACK TO REMEMBER THESE DAYS IN SEPTEMBER

REUNION '84

All welcome, especially graduates of years ending in 4 or 9.
Macdonald Reunion will be held September 29.



KEEP THESE SEPTEMBER DATES OPEN!

20
Opening Reception
Annual Dinner Meeting

21
Faculty Seminars
Leacock Luncheon
Deans' Receptions
Dinner Dance
(Class of 1964, 1969, 1974, and 1979)
President's Reception
(Class of 1959)
Chancellor's Dinner
(Class of 1929 and earlier)
Principal's Dinner
(Class of 1934)

22
R.V.C. Alumnae Reception
Graduates' Pre-Game Luncheon
Homecoming Football Game

23
Sunday in Old Montreal
Organ Recital

The Graduates' Society of McGill University.

SOCIETY ACTIVITIES

Across the continent and around the world

by Gavin Ross
Executive Director
of the Graduates' Society

Reunion '83 This year more than 3,000 graduates and their spouses took part in one of the most successful alumni weekends in recent memory. Running from September 22 to 25, it consisted of twelve general events and eighty class reunion parties, in addition to the 45th reunion of McGill's 1938 Championship Football Team.

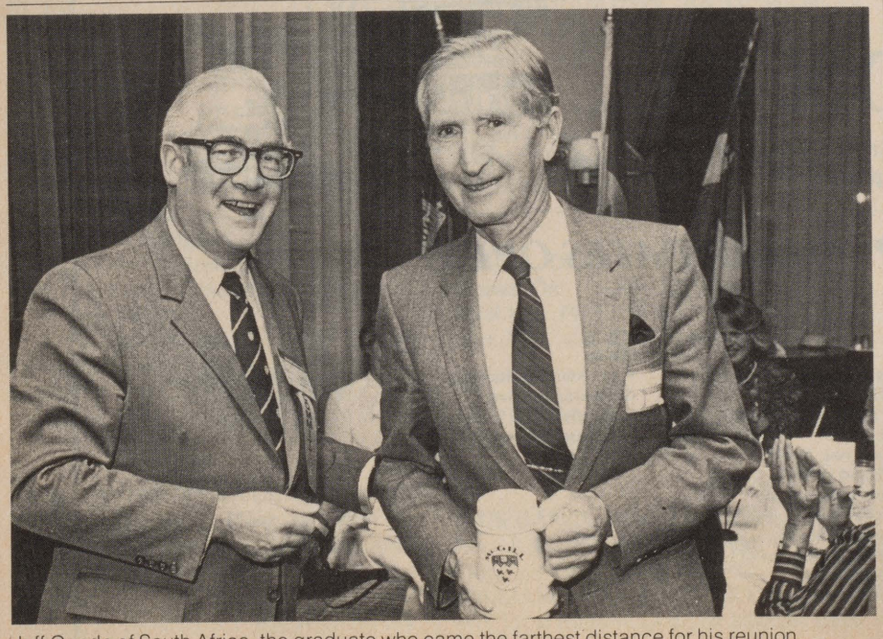
On Thursday, September 22 nearly 200 graduates filled the dining room of the Saint James's Club for the Annual General Meeting. The nominations printed in the June issue of the *McGill News* were unanimously approved and awards and honours were presented to certain distinguished graduates and friends. The Society's Award of Merit was graciously accepted by Lawrence McDougall, Q.C., BA'39, BCL'42, in recognition of his many years of valued service both to the university and to the Graduates' Society. Honorary Life Membership Awards were presented to Dr. Gladys Bean, BA'40, DipPE'41, and the Honourable Chief Justice Alan B. Gold, former chairman of the Board of Governors. Accepting Distinguished Service Awards were Mabel Howie, BSc'32, MD'36, and Paul Salvatore, BA'72, BCL'78, LLB'79. In recognition of their special service to the university, David Sinyard, BA'79, MBA/LLB'83, Jeff Telgarsky, BSc(Arch)'82, BArch'83, and Bruce Williams, BEng'83, were given Student Awards.



Conrad Harrington (right) congratulates Dr. Wilbur Lowry, the "oldest" graduate returning for Reunion '83.

During the weekend, the 25th Anniversary Class of 1958 was entertained at a wine and cheese reception at the McCord Museum hosted by the Graduates' Society President Carlyle Johnston, BA'50, BCL'53, and his wife, Alice. The main event for the 50th Anniversary Class of 1933 was a special dinner at the Ritz Carlton Hotel during which the returning members of the class and their spouses were greeted by Principal David Johnston and his wife, Sharon. Graduates returning for their 55th, 60th, 65th, and 70th reunions were entertained at a dinner hosted by Chancellor Conrad Harrington, BA'33, BCL'36, and his wife, Joan.

The "oldest" graduate returning for the weekend was Dr. Wilbur Lowry, BA'13, MD'16, who celebrated his 70th reunion. To the best of our knowledge, the graduate coming the furthest distance was Jeff Goode, BEng'33, MEng'34, with his wife, Ninon, from South Africa. It was heartening to see so many graduates from virtually every part of Canada and the U.S., as well as from Europe and South America.



Jeff Goode of South Africa, the graduate who came the farthest distance for his reunion, receives a memento from President of the Graduates' Society, Carlyle Johnston.

Among the Branches It is difficult to single out the accomplishments of one branch when we have so many McGill societies across the continent and indeed around the world, each of which is doing a great job of keeping graduates together, but I feel that special mention should be made of the McGill Society of Vancouver's extraordinarily successful meeting at the Vancouver Art Gallery on October 27. Superbly organized by local vice-president Bruce Ambrose, BSc'70, and assisted by president Michael Alexandor, BA'58, and other executive members, this event attracted 484 local graduates and spouses, some from as far away as Seattle. There was no sense of crowding as graduates and their guests explored the magnificent new art gallery designed by Arthur Erickson, BArch'50, LLD'75, and availed themselves of the four fine sushi bars to the accompaniment of British Columbia wine and Molson's beer.

There was a door prize for a graduate from each decade. Dr. Lowry, recently returned from celebrating his 70th reunion in Montreal, won the "teens" hands down – there was no competition! In all, eight decades of graduates were represented. Four University of British Columbia students provided string quartet music all evening, and the special guests were Robert Bell, PhD'48, DSc'79, former principal and vice-chancellor, and his wife Jeanne, BA'47, BLS'53, LLD'78.

Other branches were equally busy and active during the first semester, with Toronto and Ottawa each hosting three successful activities. The McGill Society of South Florida held a lunch on board a local cruise ship, while our Calgary branch sponsored its 5th annual McGill Nostalgia Night with Montreal smoked meat flown in especially for the occasion.

McGill faculty and staff have once again been most cooperative. Dean of Arts Michael Maxwell, DipAgr'54, MA'61, PhD'66, addressed our New Brunswick graduates in early October while Professor Derek Drummond, BArch'62, director of the School of Architecture, visited branches in Toronto and the Niagara Peninsula. Dean of Medicine Richard Cruess spoke in Washington, D.C., and Secretary-General David Bourke,

BArch'54, visited graduates in Toronto, New York, and Philadelphia. Tom Thompson, BSc'58, MEd'78, deputy director of the McGill Advancement Program, was guest of honour at the 30th Annual Molson Evening in Toronto and was honoured at a Christmas cocktail reception by the McGill Society of New York. Professor of history Robert Vogel, MA'54, PhD'59, addressed the annual meeting of our Lakeshore Branch (Hamilton, Burlington, and Oakville, Ont.) and Vice-Principal (Finance and Administration) John Armour spoke to graduates in Boston and Barbados.

On October 28, a special event organized by President of the McGill Society of Victoria, Harvey Mathews, BCom'78, took place in Victoria, B.C. The University of Victoria, which was established by McGill in 1903 as Victoria College, honoured its founders by choosing to name its new residence complex "The McGill Residences." McGill, in turn, commissioned a bronze plaque in appreciation of this gesture, and Dr. Bell presented it to President of the University of Victoria, Dr. Howard Petch.

A meeting was held in New Haven, Conn., in mid-November at the home of Dr. Graeme L. Hammond, MD'62, and his wife Janet, BA'57. The result of this meeting was the reestablishment of the McGill Society of Connecticut. Serving the entire state, it will be centered in the New Haven-Hartford area.

And finally, the McGill Society of Northern California held a reception in San Francisco on January 12, with Dean of Dentistry Dr. Kenneth C. Bentley, DDS'58, MD'62, as the special guest.□



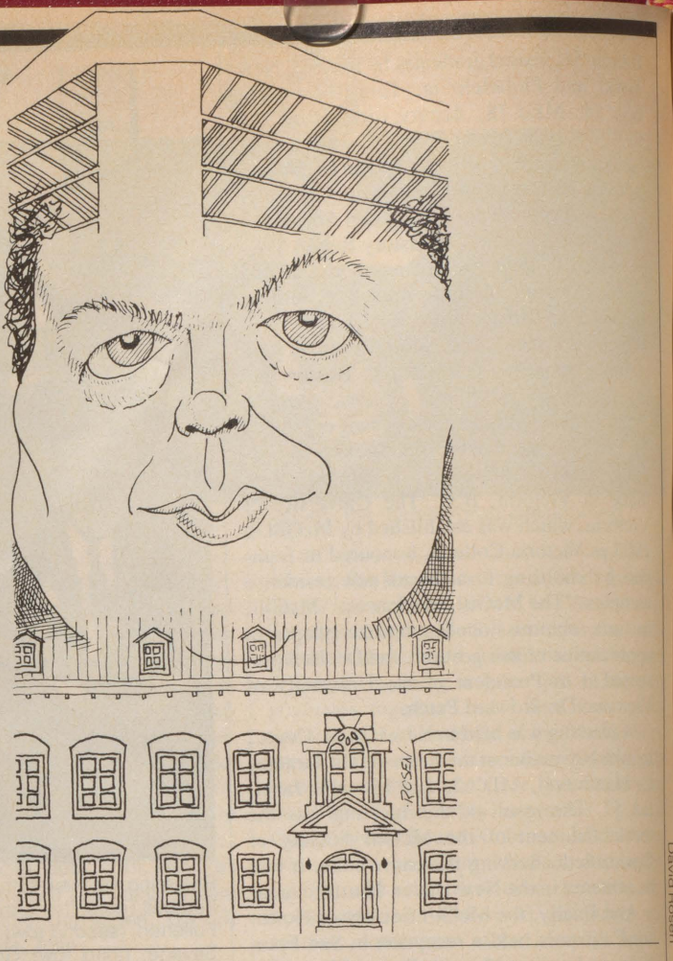
Returning for their 45th Reunion were the following members of McGill's 1938 Championship Football Team: (front row, left to right) Ronald Perowne, David Grimes, Russell Merifield, Douglas Fullerton; (second row) Chuck Smith, Dr. Ed Keefer, Chipman Drury, Ralph 'Bob' Keefer, Hugh Savage; (third row) Graham Gould, Herb Westman, Walter Markham, Fred Sauder, Colin McDougall; (fourth row) Murray Telford, Dr. Edward Tabah, Alex Hamilton, Daniel Doheny, Andy Anton. Only two team members missed the Reunion, Dr. Preston Robb and Howard Bartram.



These "not-so-recent McGill acquisitions," (left to right) Roderick Roy, Lorraine (Brender) Wolfe, Donald Morrison, and Lorna (Houston) Kertland enjoy their 25th reunion.

FOCUS:

Patrick Blouin



David Rosen

It is perhaps not surprising that an architect who studied philosophy as an undergraduate should now be applying that earlier pursuit to his own profession. Patrick Blouin, BArch'64, the recently-elected president of the Royal Architectural Institute of Canada (RAIC), wishes to perpetuate the development of a philosophic overview of architecture.

Few fields are as complex and, at the same time, as relevant to man as is architecture. And this collaborative art, according to Blouin, has been widely misunderstood by the public, politicians, and even the practitioners themselves. "Nobody really understands the issues, not even the architects," he says. "It is both a science and an art – you cannot take them apart and this confuses many people. Last year, when the Applebaum-Hébert Report on Cultural Policy came out, architecture was, as usual, an area they didn't know how to handle. Traditionally, it has been handled as a technology, ignoring its creative dimension or its social implications.'

Blouin came to Canada from France as a child, when his father was hired to teach architecture at the University of Montreal. Today as partners in the firm of Blouin, Blouin and Associates, father and son have participated in the construction of the Concordia University Library, the Montreal subway, and on various restoration projects. Blouin himself has worked on Expo's Place des Nations, the Mirabel Airport control tower, projects in Senegal and Zaire, and the renovation of Windmill Point on Île Perrot, Quebec, which won the Heritage Canada award in 1979. He also served as president of the Order of Architects of Quebec before joining RAIC

Now as president of RAIC, Blouin intends to take a far more active role in developing a nationwide architectural strategy. "We have to identify where the problems are and address the government on some of the things we feel they should be doing. This doesn't mean deciding what we'll do so much as understanding what happens and then having the decision-makers make more right decisions for the urban environment."

Part of the problem, Blouin believes, is that attention is paid to the glamour projects at the expense of everyday architecture, so that "we have monuments in a sea of mediocrity."

"I would say," he continues, "there are three different kinds of architects, the preservation-restoration architects, who are sensitive to the past and have a specific competence, the design-architects who have very strong 'phantasms' of what architecture must be, and the builder-architects, the largest category, who actually build our towns. And this is where we must put our attention. The federal government addresses the top class and ignores the others and then wonders why they don't create good architecture. But I think it's much more complex than that."

The complexity lies within the profession, its techno-creative duality, and with the architects themselves, individualists working in a collaborative medium. "It isn't an easy profession, but one with ongoing fights. And I think architects are busy enough fighting their own fights that they're almost impossible to get together. The profession does not support itself. Let's have our discussion take a truly social dimension, going back to Moshe Safdie's 'architecture of compassion.'"

It is with this idea in mind that Blouin and his confreres are seeking to reorganize the seventy-six-year-old Institute, attempting to make it more flexible. In order to broaden their perspective, they are considering asking a layperson to sit on their council. But the overriding mandate this year is to focus on architecture rather than on the architects themselves.

Admitting that he didn't invent the idea, Blouin points to a similar resolution passed several years ago by the American Institute of Architects: "If we quarrel about the fact that architects don't have enough work, we're starting in the wrong place. It may not be only because of the recession, but because architects don't have an overview of architecture."

Blouin feels that politicians should be consulted about what kinds of impact modern architecture is likely to make on society. And he feels they should have the courage to make choices. "By political choices, I don't mean the choice of architects, I mean what our cities look like. The cities that we admire in Europe were also in good part the result of political choices in the sense that they expressed some social view, an expression of the time and an understanding of what must be done. This is absent in most of our urban scenes. Our cities are happenings, but they are sad happenings. They answer the logic of economics, of real estate, of technology and small politics, but they don't answer the needs of the populace."

Like many other urban observers, Blouin feels that the city street has been sadly neglected. "The street is a communal building that we have forgotten completely and we are killing it," he explains. "In North America, buildings are imposed on the street, and we are creating cities of walls, creating emptiness and fear."

And while he mourns the destruction of much of the valuable architectural heritage of Canada, he also warns against an infatuation with all things old. As secretary of Heritage Montreal, he speaks from experience: "Architects helped a lot to destroy old buildings and didn't have much feeling for heritage, which was terrible. But now I think we are doing completely the reverse. Suddenly, because something is older, we have nothing good to replace it with. To me this is kind of a macramé approach to architecture.

"I don't think we should defend everything. We should ask the public what they think. If it's ugly, and in the way, then let's come back to common sense." *Phoebe Munro* □



John V. Galley, BSc (Arts) '20

A thoughtful gift so that his name will be remembered all through the years.

This is what Mrs. Gertrude Walker Galley had in mind when she created an endowment fund in the name of her late husband, John V. Galley, BSc (Arts) '20. The income from this fund provides for annual scholarships in the Faculties of Arts, Science, Engineering and Management.

Mrs. Galley's father, Donald F. Walker, graduated in the Faculty of Medicine in 1895 and her elder daughter, Joan, in Arts 1953. The family had a great interest in McGill over a long period of time.

John Galley, after graduating with honours in Chemistry at McGill, developed his own plastics manufacturing company in New York, Luxene Inc.

He participated actively in the affairs of the McGill Society of New York, serving as President of that Society and later as the Graduates' Society's Regional Vice-President for the U.S.A. East. He was Vice-President of The Friends of McGill University, Inc. and was also appointed to the University's Board of Governors as a Graduates' Society representative. The John V. Galley Scholarships are to help deserving young scholars further their educational ambitions in their respective faculties.

If you are interested in such programs, please call or write:

McGill Bequest & Planned Giving Program
3605 Mountain Street
Montreal, Quebec H3G 2M1
Tel.: (514) 392-5932

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Woodland Indian Artist

Benjamin Chee Chee

Alumni Media is pleased to present 9 reproductions of works by the late Benjamin Chee Chee. These are the only reproductions authorized by the artist's estate.

A mainly self-taught artist, Chee Chee was a prominent member of the second generation of woodland Indian painters.

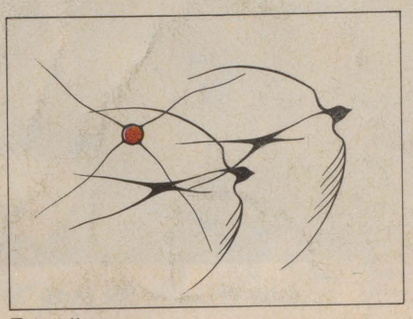
Unlike many of his contemporaries who employed direct and "primitive" means, Chee Chee's work was influenced by modern abstraction. His style reduced line and image in keeping with international modern art.

At the age of 32, at the height of his success, Chee Chee died tragically by suicide.

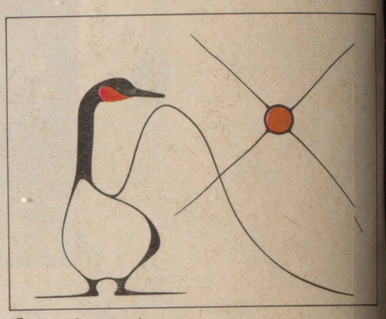
These reproductions are printed on high quality, textured stock and measure 48 cm x 61 cm (19"x24").



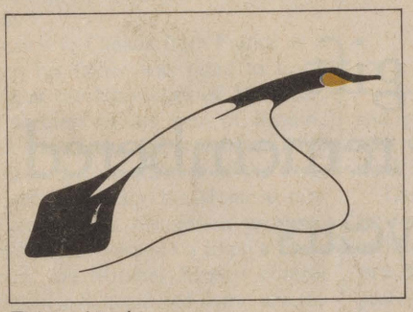
***A** Friends*



***B** Swallows*



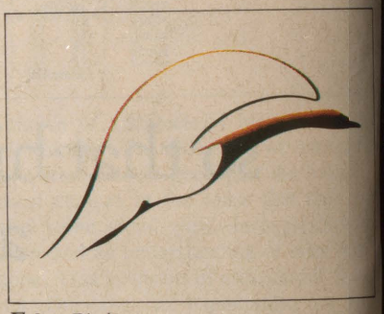
***C** Good Morning*



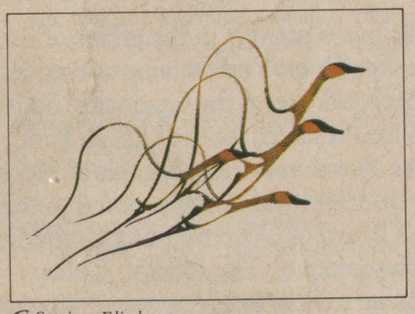
***D** Proud Male*



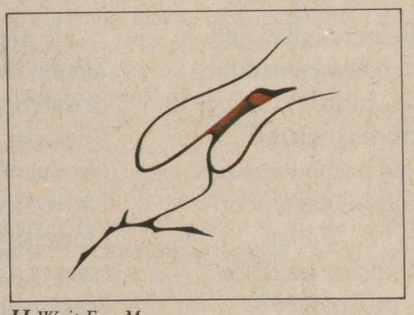
***E** Mother & Child*



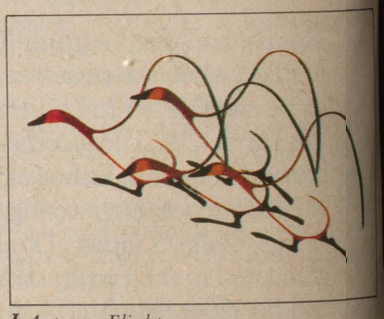
***F** Sun Bird*



***G** Spring Flight*



***H** Wait For Me*



***I** Autumn Flight*

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McGill News

Spring 1984



ALEX COLVILLE

ANNUAL GENERAL MEETING

Notice is hereby given of the Annual General Meeting of the Graduates' Society of McGill University.
Thursday, September 20, 1984
5:30 p.m.
Saint James's Club
1145 Union Street, Montreal

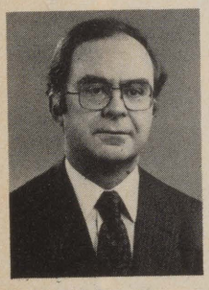
The Meeting is called for the purpose of receiving reports, presenting awards, electing and installing officers, appointing auditors, and other business.
Ann Vroom, Honorary Secretary

GRADUATES' SOCIETY NOMINATIONS



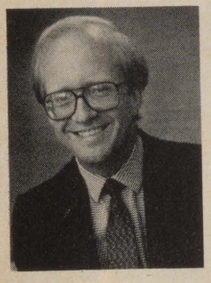
Margaret Davidson

For Graduate Governor on McGill's Board of Governors
Term – Five Years (starting January 1, 1985)
Margaret Davidson, B.Com. '52
President, Montreal Investment Management Inc.
Former Director, McGill Graduates' Society
Director, University Womens Club
Director, Montreal Symphony Orchestra
President, Centaur Theatre
Former Member, Board of Regents, Financial Analysts Federation Seminar



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Term – Two Years
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Former Vice-President, McGill Graduates' Society
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Former Honorary Treasurer of National UNICEF Committee
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Term – Two Years
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Partner, Touche Ross & Co.
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Article XIII of the Society's by-laws provides for nominations by the Nominating Committee to fill vacancies on the Board of Directors and the university's Board of Governors. Additional nominations for any office received before July 31, 1984, and signed by at least twenty-five members in good standing, will be placed on a ballot and a postal election held. If, however, the Nominating Committee's selections are acceptable to graduates, those named will take office at the Annual General Meeting.

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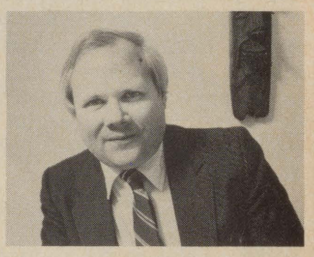
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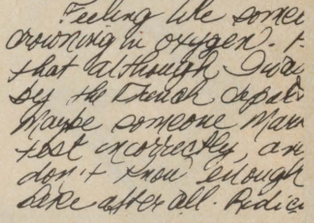
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LETTERS

Dear McGill News,

You might note that there is no such word as "publically," and that "may" should be "might" (January issue, p. 10, column 2, line 1, and third last line).

A university publication should be careful about such things.

Eugene Forsey, BA'25, MA'26, PhD'41, LLD'66

Dear McGill News,

May I take this opportunity to state that notwithstanding your interesting article on the McGill-Ethiopia medical exchange (January issue, p. 4), I do not currently find myself strolling the boulevards of Addis Ababa. Nor do I anticipate this pleasure.

I would be at something of a loss to account for the identity of this imposter, were it not known that neither Premier Yuri Andropov (of Russia) nor Field Marshall Idi Amin (the Conqueror of the British Empire) have been seen for months. Both these gentlemen bear a strong physical resemblance to me.

I myself am engaged in more mundane employ at the Montreal Children's Hospital.

Sincerely
Richard Lalonde, BA'69, MD'78

Are You on Our List?

Readers are reminded that "membership" in the Graduates' Society is automatic and free to all McGill graduates *and* to any former full-time students who spent at least one year at McGill. If you know of anyone in this latter category, please advise us.

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NEWSBREAK

The right stuff: An astronaut and the all-stars

Marianne Scott, BA'49, BLS'52, McGill's director of libraries since 1975, has recently been appointed by the federal government as the National Librarian of Canada. As head of the National Library in Ottawa, she will oversee a $30 million annual budget, a 541 member staff, and a collection exceeding five million books and documents. She will also serve as chairman of the Committee on Federal Libraries and will act as Canada's representative to various national and international library associations. Scott is the first woman and the first professional librarian to hold the office of National Librarian of Canada.

Professor Roderick Macdonald has recently been appointed the Dean of the Faculty of Law for a five year term commencing 1 June. He succeeds **Dr. John Brierly**, BCL'59, who has been dean of the faculty since 1975. Before coming to McGill in 1979, Macdonald was a member of the Faculty of Law at the University of Windsor. He is proficient in both Common and Civil Law, and is a member of the Law Society of Upper Canada and the Bureau du Québec.

Robert Thirsk, MD'82, a doctor at Queen Elizabeth Hospital in Montreal, is one of six chosen from the thousands who applied to be the first Canadian astronauts. Of these, two will be chosen to fly on separate missions. Thirsk has an interest in motion sickness: "About 40 percent of astronauts get it for up to three days in space" he says, and this disability can represent a valuable loss of time on a space mission. Notes Thirsk: "When I received the phone call telling me that I was accepted I was in seventh heaven and I still haven't come down."

The Royal Victoria Hospital has recently become the first hospital in North America to acquire the Selectron remote controlled after-loading device, an advanced piece of equipment used in the treatment of cancer. It was purchased with a $190,000 grant from the Cancer Fund of the Royal Victoria Hospital. The equipment will be used for patients with gynecological cancer, although it may in future be employed for patients with other malignancies as well. The treatment technique consists of the placement of sources of radioactive cobalt adjacent to the tumor. A high dose of radiation can then be delivered to the tumor without having to pass through and harm healthy tissue.

The Ladies' Lounge in the Faculty Club has not only been redecorated, but renamed the "Maude Abbott Room," in recognition of the distinguished medical professor, **Dr. Maude Abbott**. A McGill Donalda – one of the university's first women students – Abbott received her BA in 1890. She then attended Bishop's University, in Lennoxville, Que., to acquire her medical degree in 1894. Although McGill did not admit women medical students, it did hire Abbott as an assistant professor of medicine. Here she did important cardiological research and was later named curator of the Medical History Museum. In 1910, the university awarded her an MD, CM. In 1936 it recognized her again with an LLD for her contribution as a pioneer in the field of medical museums, as a valuable contributor to the history of medicine, and "above all as a stimulating teacher, an indefatigable investigator, and a champion of higher education for women."

McGill started granting doctoral degrees in 1909, and in 1910 **Annie Louise MacLeod** received the university's first chemistry PhD for a forty-five page, hand-written thesis entitled: "A comparison of certain acids containing a conjugated system of double bonds." Since her time, 992 chemistry PhDs have been awarded by McGill, and this year a current graduate student will receive the department's 1000th PhD. Congratulations are in order.

Two of McGill's sports teams recently visited Europe: the men's hockey team was in Switzerland over the Christmas holiday and the rugby team toured England in mid-February. McGill has also had its share of all-stars in a variety of sports: **Gilles Hudon**, hockey defenceman, was named to the Quebec University Athletic Association (QUAA) first team all-star team, **Hélène Cowan** was named to the QUAA women's basketball all-star team, and **Simon Onabowale** and **Carlo Del Bosco** were named to the men's basketball QUAA all-star team. And the fencing team, composed of men and women, was recently named QUAA champions. □



Martlet cager Annie Constantinides



McGill rugger Brian Sims

Photos by Ian Barrett

WHAT THE MARTLET HEARS

Each one teach one

Her students are getting older. And the former nursery school and kindergarten teacher, Susan Craig, BEd'63, DipMus'69, DipSpecEd'74, couldn't be more delighted. Today, her teaching hours are spent with adults, helping them to acquire the basic reading and writing skills needed to function fully in the world.

"It's okay not to be able to ski or cook," says Craig, "but our society has decided that those who can't read are stupid." Small wonder, then, that adult learners are bashful about admitting their lack of skills and fear of failing in school. That's where Craig comes in. As consultant in adult basic education for the Protestant School Board of Greater Montreal, she runs a program called RECLAIM, the Reading Council for Literacy Advance in Montreal, out of offices in the old High School of Montreal on University Street. Working with coordinator Ricki Goldstein, she organizes literacy classes for 150 students per term. She also matches up another 100 people too intimidated to come to school with volunteer tutors who work with them on a one-to-one basis.

Canadians who feel smug about our standards of education should read a recent report prepared for the Canadian Commission of UNESCO. According to the study, the problem of adult illiteracy is sometimes better handled in Third World countries than it is here in Canada. Estimates of the numbers of functionally illiterate Canadian adults range from one to four million people. In Montreal, the problem is particularly acute. The 1976 census revealed that 32 percent of this city's population had less than a grade nine education – the highest percentage in any of the twenty-three major Canadian cities. By way of comparison, Calgary, for example, had only 13 percent – the lowest rate in the country.

RECLAIM holds classes at the High School in the mornings, afternoons, and evenings. But for shift workers, single parents with small children, the handicapped, and those simply scared stiff of institutionalized education, the best solution is frequently one-to-one tutoring in the student's or teacher's home. RECLAIM tutors have even taught inmates at Bordeaux Prison and hospitalized car accident victims.

Since the first training session in the fall of 1981, about 100 volunteer tutors have been instructed in the Laubach method, a technique developed in the Philippines in 1930. Dr. Frank C. Laubach, an American teacher, devised a system by which each letter in the Roman alphabet was assigned a different sound. By associating each letter with a specific sound, adult students could learn the whole alphabet in a few hours. This method was perfected in no less than 313 languages in 105 countries of Asia, Latin America, and Africa. The Laubach team finally tackled English in 1944, modifying the method to accommodate our vagaries of spelling and pronunciation.

Dr. Laubach soon discovered that the best way to teach adults was "each one teach one" – a slogan that has become the byword for the literacy movement in North America. His technique stresses the need to be sensitive to the fact that the students are adults, not children. Paperback novels are available written at the grade one, two, or three level, but with adult themes. As Goldstein says, "There are no little bunnies in them."

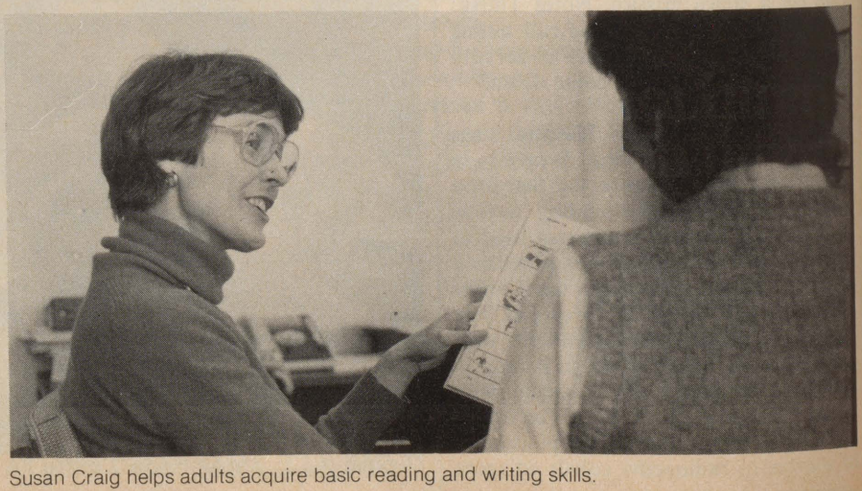
Illiterate adults are by no means unintelligent. In fact, the subterfuges they develop to cover up their lack of reading skills often require considerable cunning. Many illiterates have a fantastic memory and learn to pick up on visual clues in their surroundings that those who read would never notice. One way of sensitizing potential tutors to their student's situation is to show them how it feels to be surrounded by a "foreign" language. At the beginning of the training session, tutors are bombarded with posters of common English words written in the Cyrillic alphabet. Their puzzlement soon turns to empathy.

What does it take to be a tutor? "Our criteria are simple," says Craig. "You have to be able to read, be a caring person, and be willing to commit at least three hours a week for a minimum of ten weeks." Volunteers undergo an intensive training period of four evenings or two full day sessions. They are given a thorough grounding in the Laubach method, which encourages the use of everyday learning materials: restaurant menus, newspapers, maps, phone books, and bank deposit slips, things most of us handle every day without a second thought.

Besides overseeng RECLAIM, Craig is the chief Laubach supervisor-trainer for Quebec. Last June, she served on the host committee for the first National Biennial Conference of Laubach Literacy of Canada, held at Bishop's University in Lennoxville, Quebec. Craig feels that the tutor-student relationship is one that needs careful nurturing. "Tutors can be afraid sometimes, too," says Craig. "They have a whole bag of expectations. They need to learn not to judge students and help them to learn to risk so they can progress. Then, sometimes, they must cope with the students' fear of success. It can be a pretty panicky feeling."

At present, there is a waiting list for the next tutor training session. It is one thing to volunteer to help a non-reader, but quite another to admit you are one and ask for help "If potential students only knew what fine people there are waiting to tutor them, they wouldn't be so shy about coming forward," says Craig.

Not all students succeed. Not everyone is prepared – or able – to commit large chunks of time to reading, writing, and homework. As Craig points out, when reading is work, you don't particularly want to do it. The success stories outnumber the disappointments, but Craig stresses the need for concerted action on literacy. "It's such a waste of human resources. For the literacy movement to succeed, we must cross provincial and national boundaries and work on it together." Her smile is gentle, but her look is sheer determination. *Kathe Lieber* □



Susan Craig helps adults acquire basic reading and writing skills.

You're only as old as you feel

It is estimated that the number of Canadians over the age of sixty-five will more than triple within the next forty years. And McGill University is looking at how this demographic shft will effect our health. Dr. Blaine Hoshizaki and graduate student Steve McCaw of the department of physical education, in cooperation with researchers at the University of Victoria, have been at work since 1980 designing a test "to promote fitness and educate the elderly as to what fitness involves."

When finished, their "Post-50 3-S" assessment package (which will include the test, norms for comparison, and information on fitness) will be available from Health and Welfare Canada, the agency sponsoring the study. 'Post-50" identifies the target population and "3-S" refers to the three physical criteria to be evaluated – suppleness, strength, and stamina. The starting age of the target population for the test was set at fifty, in order to ascertain what fitness leves are like prior to the decline in physical performance occurring around sixty to sixty-five years of age. The test involves a fairly rigorous series of exercises, such as modified push-ups and sit-ups, a 400 m. walk, a number of flexibility measurements and "walking" (actually more like jogging) on the spot. Test results are then compared to those of other Canadians of the same sex and age group to determine levels of fitness.

There are four stages involved in the development of this home fitness package, two of which have been completed. Initially, some 300 people underwent the fitness test in order to determine performance norms reflective of the different age groups. At this stage there were some surprising findings. Up to 80 percent of the people in some age groups over fifty could not do a single sit-up, and this exercise had to be modified for the package. It was also found that contrary to the assumption that flexibilty diminishes with age, flexibility in the shoulder muscles increases. Also, the gap between male and female physical strength decreases with the increase of age and the decrease of muscular development among men.

Approximately 1,000 to 1,200 senior citizens in Montreal and Victoria have had the test administered to them by university students. "The resulting distribution of fitness levels was enormous," says Hoshizaki. "It became apparent that the elderly in Victoria were more fit than seniors in Montreal." The main reason for this, as McCaw points out, is that the elderly in Victoria are better organized and more active in community groups.



It's not a cake walk. It's a 600 m. fast walk for this senior and his student monitor.

The results from the "Post-50 3-S" test were sent out in February 1984 to all participants in the study. The final stage of the project will be to mail the test to a sample population. This will be done to ascertain whether people can accurately test themselves.

Hoshizaki has found that the elderly really enjoy doing the "Post-50 3-S" and are anxious to know how they compare to other Canadians of the same age and sex. He is optimistic that the information in the package will provide the impetus for many sedate, elderly people to participate in some form of physical activity.

Hoshizaki was fortunate to have done some pretesting on members of McGill's popular "Seniors on the Move" program. Dr. Gregory Reid, BEd'70, an associate professor in physical education and then-graduate student Karen O'Neill, MA'83, were in charge of this effort that ran from 1981 to 1983. Forty to fifty people enrolled, most of whom were over sixty years of age. This group participated in student-taught activities ranging from stretching and breathing exercises to dance, yoga, swimming, walking tours of Montreal, cross-country ski weekends, and rigorous calisthenics.

According to Reid, a major finding of the O'Neill thesis was that "the barriers that prevented the elderly from participating were psychological. They believed that they were in poor health, and didn't need exercise, or that the need for physical activity diminished with age, which is a fallacy."

Hoshizaki emphasizes the benefits of staying active and healthy and says that aging does not necessarily mean physical decline to the point of incapacity. An elderly person who keeps fit has a better chance of surviving accidents and recovers more quickly from surgery. In addition, fitness has an indirect effect on longevity (in combination with other factors such as nutrition, stress, smoking, etc.). "If seniors perform better, they feel that they're younger because they're performing as well as forty-year-olds, or thirty-year-olds. Remember, you're only as old as you feel." *Debbie Mercier* □

Quod edis es (you are what you eat)

Audi alteram partem is the Latin bromide that greets visitors to the Faculty of Law and means, as any first year student will tell you, not something about a German luxury car, but rather that "all must be heard." However, any visitor who happens to stray past this weighty inscription and descends to the student cafeteria in Chancellor Day Hall may get the idea that a newer Latin expression is gaining currency: *Quod edis es* or "You are what you eat."

The Law cafeteria is only one of the recent casualties in a health food epidemic that has swept McGill faculties over the past few years. More and more McGill students can be found munching on alfalfa sprouts and pita bread between lectures, as "healthy food" outlets have taken root in the Arts, Education, Engineering, and Law Faculties, as well as the Undergraduate Library and the University Centre. Health food now accounts for more than half the food sold at McGill.

The change-overs generally came about when students in each faculty became dissatisfied with the quality of food and service received from commercial contractors, and approached the McGill Students' Society to set up better operations. "The correct term for what we're serving is not health food," explains Jon Shifman, the burly Students' Society Comptroller, who is presently in charge of food and beverage operations. "What we have is healthy foods – simply nutritious meals with a variety of natural products – not part of some strict vegetarian regime, but certainly not junk food either."

As Shifman points out, and as a trip to one of the new cafeterias shows, a healthy diet does not require exotic foods. It simply involves reducing the number of highly-processed, protein-

poor foods such as white bread sandwiches and sugary pastries – the common fare until now. In their place are featured nutritious whole foods, especially protein powerhouses like beans, eggs and yogurt, and vitamin-rich fruits and green vegetables.

Even if they are not exotic, some of these menu successes sound a bit strange to the meat-and-potato-trained ear. For example, a "smoothie" is actually a whipped-up combination of banana, orange juice, and yogurt (not someone who got into medical school with a B-average). Another popular item is "pâté végétale." Made with a secret recipe known only to its Montreal distributor, it is a favorite with trademark law students, because it is questionable as to whether this knowledge represents "property" in a legal sense.

Prices are not lower than those downtown, at $1.50 to $2.25 a sandwich. But a McGill healthy sandwich offers a substantial portion of filling, whole-wheat pita bread, tomatoes, shredded carrots, and enough alfalfa sprouts to get you through an hour of Latin.

Says Shifman, the chartered accountant who helped make it possible: "I think a school cafeteria should challenge student tastebuds." *Rick Goldman* □

Pomp, circumstance, and sound advice: Chancellor A. Jean de Grandpré

Albert Jean de Grandpré, OC, QC, BCL'43, began his third career when he became chancellor of McGill this past November. His first two professions have led him through the worlds of law and business, to the forty-fourth floor of Montreal's Stock Exchange Tower, to the office he now occupies as chairman, president, and chief executive officer of Bell Canada Enterprises, Inc. As well, de Grandpré serves as director of Bell Canada, Du Pont Canada, the Toronto-Dominion Bank, TransCanada PipeLines, Northern Telecom Limited, the Seagram Company Limited, Stelco Inc., and the Chrysler Corporation. He is also a life member of the international advisory board of the Chemical Bank in New York City and of the Canadian Bar Association, an emeritus member of the Association of Canadian General Counsels, a member of the Bar of the Province of Quebec, and an officer of the Order of Canada.

The visitor who makes it past the list of credentials on his résumé and into his



John Geeza

Chancellor A. Jean de Grandpré: "When you genuinely try to understand others, they will respond to this and open up."

presence may well be surprised – in fact, disarmed – to find that de Grandpré is modest, open, and cordial. Weighing his words, McGill's first francophone chancellor speaks with candor and directness. "In the 1940s," he recalls, "when I first went to McGill, there was a feeling among many Montrealers that it was difficult to become part of the fabric of a different culture. There were few English people going to the University of Montreal, and few French people going to McGill. And, although my brother had gone to McGill before me, I had never been exposed to a different environment."

And how was he received at McGill?

"With open arms," says de Grandpré, who became class president and graduated in 1943 with a gold medal in civil law. "It confirms what my father had told me. There's a lot of misunderstanding rising out of a lack of knowledge of a people. My father said that you have to understand them, if you want to understand their world. I try to teach my children and my colleagues at work: it *is* an open world. When you genuinely try to understand other people, they will respond to this and open up."

De Grandpré's affiliation with McGill has been long and continuous. He served on the Board of Governors from 1968 to 1976 and on that of the Montreal Neurological Hospital and Institute from 1970 to 1977. He was vice-president of the McGill Development Program and a co-chairman of the Royal Victoria Hospital Fund Drive.

What will he do as Chancellor?

"Well," he says, "the role has an honorary side, a kind of pomp and circumstance side, but I think I'll be there as a counsel to the principal and the chairman of the Board of Governors. You see, the university has tried to create a kind of tripod with uneven legs, the principal, the chairman, and the chancellor. I'll also participate when necessary at the Board meetings as a kind of sounding board."

Obviously a man who looks before he leaps or speaks, de Grandpré is easing himself into the new role. He has no axes to grind, he says, no pet faculties to promote: "It's too early for me to tell what the future of the university should be – other than to continue to be a centre of excellence. And to be perceived as such."

The position will demand time and energy from a man whose days are already loaded almost beyond human capacity. "I've told these other organizations that I'm going to ease myself off. After all, I'm sixty-two and a half, and I'm not going to be behind *this* desk forever. This will be my third career."

His legal career took him to Bell in 1956-57 when he served as their legal counsel to the Royal Commission on Broadcasting; ten years later he joined the company as general counsel. In 1970 he became Bell Canada's vice-president (eastern region), after having reorganized what he describes as its "monolithic" legal department. In 1982, as chairman and chief executive officer, he decided their corporate structure made no sense and divided the company. "How long," he asks, "did it take me to make the decision to reorganize it? About thirty seconds."

Although he will not advise that McGill undertake any major reorganization of its structure, the chancellor will bring it the same carefully weighed, yet open approach he has brought to bear on his other two careers. *John Geeza* □

Lerup assaults the single family house

This year, an astonishingly loyal following packed McGill's H. Noah Fieldhouse Auditorium to celebrate the tenth anniversary of the Alcan Lecture Series on Architecture. Indeed, a show of hands at the inaugural lecture delivered by Swedish-born architect Lars Lerup revealed the many regulars in the audience who return annually to this Montreal event. Lerup, himself, was no newcomer, having been an Alcan lecturer in 1981. But the ideas of this forty-three-year old assistant professor from the University of California, Berkeley, continue to provoke controversy.

Lerup is known primarily as a theorist. Like most original thinkers, he enjoys questioning the taken-for-granted. His influential book, *Planned Assaults (On the Single Family House)*, examines our expectations of the family home. He argues that our many preconceptions about the house we live in make us oblivious to how it effects our behavior. We accept

the standard house plan with its requisite kitchen, bedroom, garage, etc., as readily as if nature had bequeathed it to us. Yet historians like Michel Foucault and Phillippe Ariès, says Lerup, show the single family house to be a relatively recent cultural acquisition. For example, it was not until the eighteenth century that residential architecture began to reflect a specialization, room for room. In our time, Lerup adds jokingly, it is significant that our houses grant as much space to the garage as they do to the living room.

Lerup intends not to redesign the house plan, but to point out how it functions as a social constraint. He aims to free architecture from such restrictions in order to experience it in its own right. Otherwise, says Lerup, our perception of architecture is dominated by consumer functionalism.

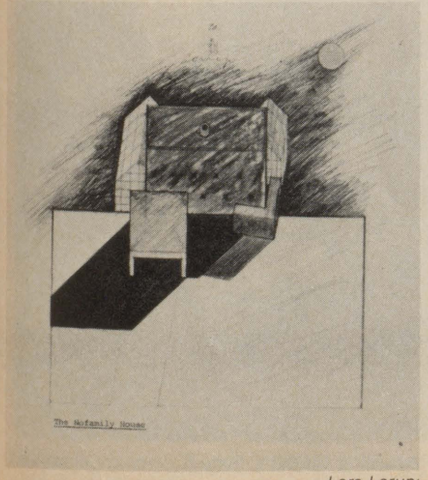
To counter this utilitarian perception, Lerup has proposed a number of imaginative schemes. One consists of a long structure shaped something like a shed. It avoids any reference to what might be called rooms. Instead, one is confronted by a series of doorways between the front entrance and a sleeping area at the opposite end. Each door is constructed of a material meant to suggest a strong architectural aroma. The first is intended to evoke softness, and accordingly Lerup cut it out of a wall of bushes. Then there is his "dry" door fashioned out of concrete blocks, or his "wet" doorway complete with dripping water. In all, one encounters a succession of soft, dry, hot, hard, wet, and soft before sleep. For Lerup, these aromas are the elemental components of an architectural experience. His intention is to free them from their usual utilitarian roles so that we can see the real "physiognomy" of architecture.

He also wants to disrupt our habitual expectations with "The Nofamily House." This design includes a number of traps meant to frustrate preconceptions. It has doorways to nowhere, cuts in the floor, useless stairways, and windows looking into other rooms. Lerup acknowledges Marcel Duchamp as the inspiration for these fantasies. They also point to his own interest in the language and signs of architecture and in semiotics.

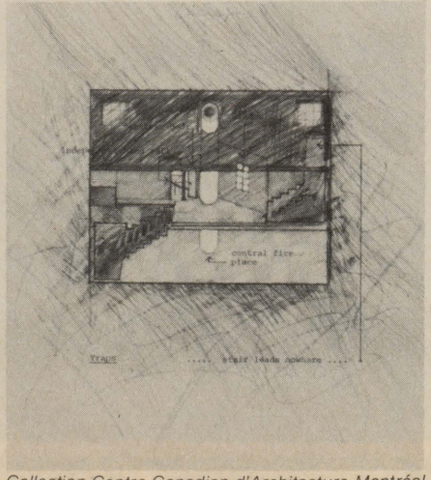
This is apparent in Lerup's "Lover's House," which is based on Roland Barthes's *A Lover's Discourse*. Lerup says that considering the central position love occupies in our lives, it is accorded a paltry recognition by our architecture. Consumerism makes no room for love at all in our homes. "If there is any love in the single family house," he quips, "the closest it gets is probably in the bushes out front."

His "Lover's House," is more than just a building. It involves an entire drama including the neighbours and a surrounding courtyard. A girl's room is on the third floor near the apex of a triangular-shaped tower designed to cast a distinct shadow. This darkness is intended to give her lover somewhere to wait for a glimpse of his loved one. Lerup says she must be viewed through a high window to enhance her desirability. Next door is a widow who must naturally spy upon the lovers, while another room houses a madman. Both he and the chatter of a nearby immigrant family create an evocative backdrop for this amorous rendezvous.

The sheer beauty of Lerup's drawings, some of which were recently purchased by the Canadian Centre for Architecture, make him an important figure. But his designs, as he himself admits, are "too radical" to be built. They are best appreciated for their dramatic value. Unfortunately they are indicative of a widening gap in contemporary architecture between the speculative realm of ideas and evocative images and the rather mundane reality of concrete and steel. As if to reinforce this, Lerup, when asked what he had built, said, "Nothing I want to talk about here." *Peter Legris* □



Lars Lerup;



Collection Centre Canadien d'Architecture Montréal
Canadian Centre for Architecture

Sound master

In the control room of the Faculty of Music's recording studio, the air is dead silent – so silent that the snap of a person's fingers is immediately swallowed up by the dark, fabric-covered walls. But when Professor of Music Wieslaw Woszczyk begins to re-record some "pure" sound, the air fills with an unwavering 1000 cycle tone, going on and on . . .

Woszczyk turns from the thirty-four channel mixer and looks through the window into the small recording room. There, Alan Lofft, editor of *Sound Canada* is speaking into a microphone: "The sound you hear should be coming from between the speakers. Adjust your balance control until it does so . . . How does that sound, Floyd?"

"Fine," says Dr. Floyd Toole of the acoustics section of the National Research Council (NRC), as he flips through the script. "But maybe we can rephrase the next part?"

This day's work will result in a record, a cooperative venture between McGill Records, *Sound Canada,* and the NRC, to be used by the public to test the quality of their home stereo systems. On one side will be certain test signals, and on the flip side, a variety of musical selections recorded at the studio. There are fifteen musical recordings on the McGill Label to date, ranging from pop to classical, and the NRC has been using them to test new sound equipment.

The real raison d'être of the studio, though, is to turn out annually three or four highly competent sound engineers with a master's degree in sound recording. And McGill is the only school in North America to offer this degree. "It's much easier and quicker to develop a good music recording engineer," says Woszczyk, "and we provide the most reliable, most mature people. We only accept people into the master's program who are absolutely *sure* of their career. They all have a bachelor's in music when they come in and are acquainted with the personal and professional problems of making music. Mature students are more competent in dealing with people. It's not only a question of assimilating technical and aesthetic information, but of digesting and integrating it."

Another sound fills the room. This time it is a 20,000 cycle tone verging on the uncomfortable. Woszczyk adjusts the

head of the Studer recorder and goes on to explain that students entering must have already taken certain prerequisite courses, some of which involve other departments such as mathematics, the physics and psychophysics of music, electroacoustics, electronic music, and an introduction to sound-recording. There are a number of undergraduate sound-recording programs in the States, but as Woszczyk points out: "A master's in music recording is an idea that's a little foreign on this continent. Education in the United States is geared to business, and it can't ask for the stringent requirements that McGill does. For example, in most of these undergraduate programs there are no realistic ear training courses, little music theory, and only a little musical performance, say in a band."

In Europe, Tonmeister Programs aimed at this congruence of technical and aesthetic expertise are common Woszczyk, himself, is a graduate of the Tonmeister Faculty at the Academy of Music in Warsaw, Poland. It was in Warsaw that he was introduced to McGill through a chance meeting with its dean of music, Dr. Paul Pedersen.

"I was in Warsaw, in the Academy on a Friday afternoon," says Pedersen, "when I was trying to explain to a porter who spoke neither English nor French what I wanted. He called over some of the students who spoke English. One of them was Wieslaw, and we spent the day touring the place. He said he was interested in coming to North America, so I invited him over to McGill as a visiting grad student. Then he got a job with Big Apple Records in New York City, and while he was there we started making records here at McGill. We had wanted to begin a recording program here for some years, and so Wieslaw drafted our program while in Manhattan."

Lots of practice and individual guidance are the keys to the McGill program. The number of students is deliberately restricted. And about 250 performances across McGill get recorded annually. Forty microphone lines channel the sound from adjacent Pollack Hall into the studio. Recordings are also made in a studio adjacent to the smaller Recital Hall and there are remotes from the new organ in Redpath Hall as well. The equipment, too, is all top-of-the-line and state-of-the-art: besides the mixer there is a twenty-four track tape recorder, several two-track recorders, a digital reverb unit, a digital delay reverse unit, parametric equalizers, a compressor limiter, and expander and noise gates — enough to make an electronics afficianado move in for life.

Each student, therefore, gets hours of experience dealing with professional equipment and musicians. Some performers come from the off-campus community to record recitals and demo tapes. "Musicians often do a recording with us in order to hear themselves before their public performance," says Woszczyk. "It's a service to the city that way."

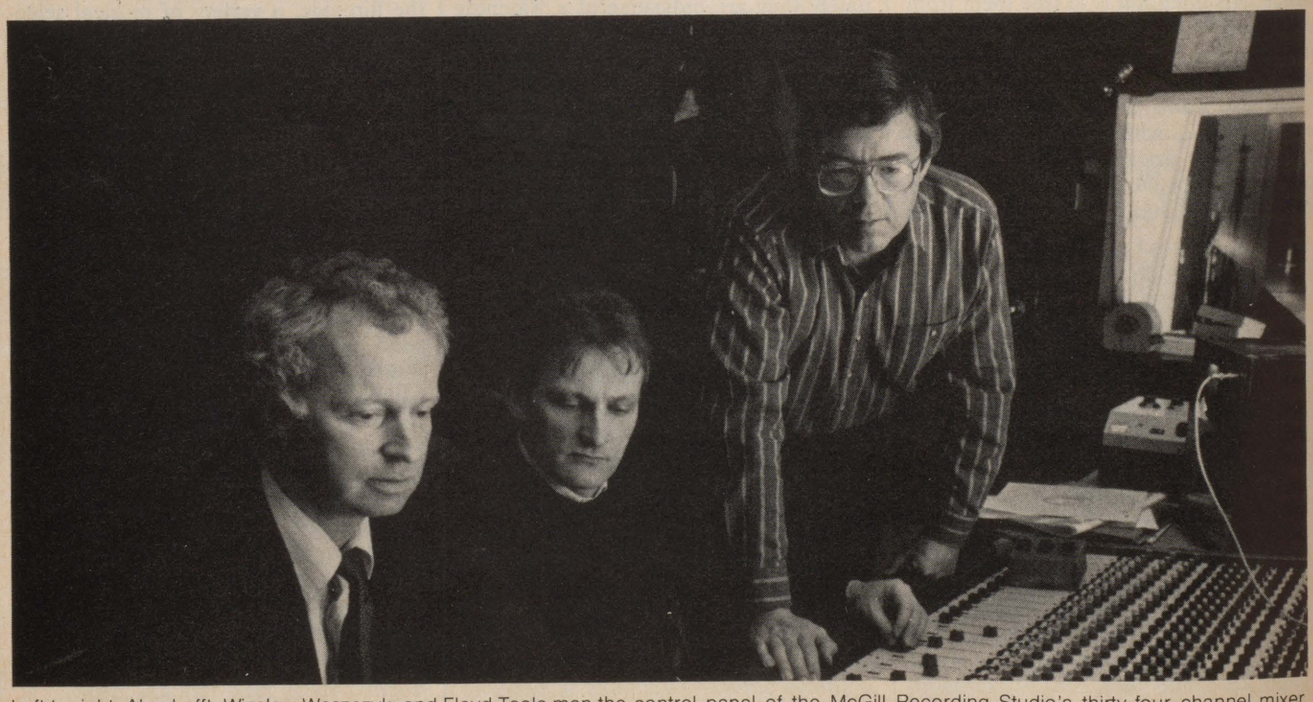
Diplomas don't equal talent, but if employability is a criterion of success, the grads are finding jobs. All (except one who is writing a thesis) are currently employed. "Everyone knows our students are well qualified," says Woszczyk, "and once people have tried them, they don't send them back."

The recordings, too, are top quality. "Our student recordings," says Woszczyk, "regularly win awards. They have won an annual *Down Beat* award three times now, since the program started in 1980." These recordings, which range from noels and French classical organ music through jazz, Jean Carignan, and the electronic avant-garde, also provide a showcase for McGill composers and musicians. *Fanfare*, for one, raved about Uri Mayer's record of contemporary pieces played by the McGill Symphony: "Here is a disk that should be purchased not only by all those interested in Canadian music," it said "but also by those curious to learn how good a university symphony orchestra can be . . . The recording quality and that of the pressing itself are among the highest I have seen coming from Canada to date."

Many of the recordings done here combine synthesized sounds with live sound embellished by electronic elements. Woszczyk did his graduate work at McGill in computer applications of music and seems equally at home listening to avant-garde electronic music and to rock. He explains: "I started piano early. My father was a chemical engineer who played piano, guitar, double bass, *and* managed a thirty-piece band. I got interested in jazz when rock became monotonous . . ."

Another higher-pitched sound makes us wince. Would he like to go out and do a jam session every evening after work? "Sure I'd like to, but with this job and the thesis and an eight-month-old son at home I just don't have the time." He flips a switch, stopping the sound, and then breaks into a broad smile. *John Geeza* □

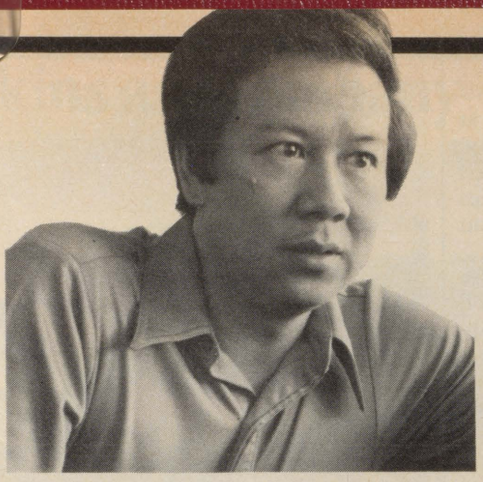
John Geeza



Left to right: Alan Lofft, Wieslaw Woszczyk, and Floyd Toole man the control panel of the McGill Recording Studio's thirty-four channel mixer.

Healin' de sick in Shantytown

by David Lake



David Lake

In a two-story, non-descript building on Spanish Town Road, central to Trench Town, Lizard Town, and the Concrete Jungle, Kaimeng Lui, BSc '64, MD '68, runs a general practice. The poverty found in these Kingston, Jamaica ghettoes is among the worst in the Western Hemisphere. Tenement yards dot the destitute landscape, each crowded with five or six corrugated tin shacks, housing ten people per room. With no toilet facilities, disease breeds easily alongside chickens, dogs, goats, and roaches.

Day after day, Lui drives to work through sections of Kingston where most would refuse to go. Once in his office, he chats amiably, explaining that in 1968 he was the first Malaysian to complete undergraduate and graduate work in medicine at McGill. Following a year of internship at Montreal's Queen Elizabeth Hospital, he worked for the Jamaican government for eight years before going into private practice.

Oblivious to the sweltering temperature and the depressing surroundings, he claims that growing up in Malaysia and his sojourns in India and war-torn Vietnam have inured him to the worst of human miseries. "It is part of my job, the absolute poverty," he explains. "It is part of being a physician in the Third World."

The poor are Lui's primary concern, but the rich living in the lush hills overlooking Kingston have sought his medical help as well. He mentions that among his clients have been Governor General Glasspole, Attorney General Winston Spaulding, and the richest Chinese businessman on the island. And he attended, as well, to the internationally-renowned reggae musician, the late Bob Marley and his musical family.

In politically-sensitive-to-a-fault Jamaica, the struggle between socialist Michael Manley's People's National Party (PNP) and the incumbent Edward Seaga's Jamaica Labour Party (JLP) has created much violence. The last election in 1980 transformed Kingston into a battleground. Few people dared walk its streets, day or night. Death squads ran amok killing all not of their own political persuasion with weapons fit for a well-equipped army. Eight hundred died in this power struggle and many more were wounded.

Despite the chaos surrounding Lui's Spanish Town Road office, it never closed during this pre-election turmoil. "When I drove to work in the morning, I continuously heard gunshots and explosions. Many of the houses surrounding my building were burnt to the ground. There was much shooting and death. I had to remove bullets and treat criminals.

"Yet, through all this time I was left alone," he continues. "No political posters or graffiti were placed on my building. Election or no election, people get sick – I was able to treat them. An unspoken truce was called because the gunmen knew I supported no political party and never asked patients about their political beliefs. As an old saying goes, Jamaicans respect three people – the lawyer, the doctor, and the *obeah man* (witch doctor)."

Although new blood may be shed come the next election, the streets are quiet now. The silence is weary. Possession of a gun means life in prison or death by a police bullet, but the ghettoes still maintain arsenals. With the JLP currently in office, the gunmen supportive of the PNP and protected by the law of the slums, watch and wait.

"When I first came to Jamaica, the policies of the two parties were not so different. It did not matter which won," says Lui, who has practised under both regimes. "Now the situation has changed because the PNP has gone to the left and the JLP to the centre. Yet, I must say, this country is very democratic. When politicians do not do what the people want they are kicked out of office quickly."

Under both the PNP and the JLP governments, health care has been largely neglected. When Seaga's JLP took over from Manley, the country was virtually bankrupt and, as many believed, a step away from being controlled by Fidel Castro. Medical care was not Manley's priority. At the moment, the JLP is trying to build clinics around the island, but money is still in short supply.

Given Jamaica's present political stability, emphasis has gone into other crucial areas such as increasing agricultural productivity. The cost of medicine remains a serious concern. Tests and x-rays are rarely ordered unless urgently needed. Most equipment and supplies are imported at high cost to both the government and the patients.

Once a year Lui returns to Canada to practise medicine in suburban Toronto. "The difference between practising in Canada and in Jamaica is the type of cases one sees. Patients coming to a Jamaican doctor are really sick. They never come to waste his time. They cannot afford to," he explains. "There are free hospitals in Kingston, but they are hard to enter. In Canada, on the other hand, many patients who visit physicians do not really have to. The free medical system produces many psychosomatic complaints – a situation that is not evident in Jamaica."

The fact that the majority of Jamaicans must work hard to save money for just one visit to the doctor changes the style of treatment. In Canada, a hypertensive patient may visit his doctor once a week. A Jamaican with the same ailment may only be able to seek treatment twice a year. As well, acceptance of a physician's advice is surprisingly different in the two countries. In Jamaica, a doctor's opinion is not questioned. Such is not the case in medical offices across Canada. Lui remembers a Canadian Inco miner who escorted a son into his office to be treated for eczema, a cure that involves time. The miner came back the next day cursing that the prescription was not working and that another doctor was being consulted.

"I have never seen a similar experience in Jamaica," he says. "Poor patients tip me fifty cents after paying their bills. Fishermen drop by with presents of red snapper and locals bring in coconuts. There is a feeling of gratefulness. That is part of being a doctor. If you feel good about the work you have done, it is part of the payment."

On average, Jamaican physicians receive half the pay of their Canadian counterparts. But what is lost in money is gained in quality of life. Lui and his family live comfortably, and his children go to good schools. "When I arrived in 1969, I fell in love with the country, the climate, the beaches. . . . The people, especially in the rural areas, are honest and

sincere. Through we are paid less, it costs much less to live here. There are not as many things to spend your money on. The stores are not filled with the latest video equipment, for example. Jamaica is technologically behind Canada, but that is alright with me."

Not many foreign doctors would agree with Lui that a tropical lifestyle is a good enough reason to practise in the Caribbean. The island needs physicians, but can do little to attract them. In fact Jamaican medical graduates tend to set up practice either in the United States or Canada. "It would be good for Canadian doctors to spend at least a year in a Third World country like Jamaica," says Lui. "It is a great learning experience, and it adds to one's understanding of people. A doctor who has worked only in Canada would be shocked initially by the situation, but would adapt quickly. In the end, the person would not regret the move."

Also, a Jamaican ghetto would offer any North American doctor a crash course in tropical medicine. Illnesses, especially those related to diarrhea and gastroenteritis, are prevalent. Many women suffer from inflammatory pelvic problems due to a lack of hygiene. Sickle-cell anemia is evident in a population primarily of African descent. Alcohol abuse, chronic ulcers, diabetes, and hypertension round out the list of most common ailments, with malnutrition being the most serious.

Close to half the work Lui does involves acupuncture – an Oriental treatment he has practised for over ten years. It is universally accepted by the poor, but rich Kingstonians are resistant and skeptical. The choice of whether to use Western procedures or acupuncture depends on the diagnosis. If a patient complains of a migraine, Lui will suggest acupuncture. But if a person comes in with bronchitis, Western medicine is a necessity.

Lui works out of a narrow, inconspicuous office. An elderly lady sits in the waiting room keeping people quiet. The doctor does everything else himself from answering the phone to filling out prescriptions. Many of his patients are unsophisticated and do not trust pharmacists. After purchasing a prescription, they often quickly return to Lui to ask if they have been cheated. As the law allows doctors to fill prescriptions, Lui does so to simplify this process. "A Jamaican doctor can set up a Canadian-style practice, but the extravagance is unnecessary in this poor area," he explains. "If I were to employ a nurse, put in a stereo system and air conditioning, buy a computer, then people would be frightened away. They would think of me as being too expensive. Besides, in this country you do not need to recall a patient's history in two seconds flat."

One of the biggest obstacles to better Jamaican health care is the lack of knowledge many people have about modern medicine. This makes them easy prey for quack doctors. In Lui's office, for example, a well-to-do accountant tells how he spent $700 US to acquire a Korean cobra gall bladder to treat his back pains. Why did he purchase such a remedy? Somebody told him it would work.

These charlatans aside, Lui has others that compete with him for his clientele. An estimated 50 percent of those living in Kingston ghettoes prefer the services of an *obeah man.* "The locals are driven to witch doctors through tradition and superstition," explains Lui. "These so-called doctors use chanting and bush remedies to cure disease. They don't charge much, so people can afford them. The government, with too many other important issues to handle, leaves them alone. Besides, many of these doctors do good work. Patients who go to them with psychosomatic problems, anxiety reactions, and neuroses are often successfully treated."

At two o'clock in the afternoon Lui's workday ends. With desk in order, windows boarded up, and the double-lock snapped on the thick front door, he is a careful man. An early departure is designed to avoid unnecessary confrontations. As he drives through the slums to his suburban home, he has a look of satisfaction on his face – the look of a man who tackles a hard job in a country filled with mystery, beauty, and danger. □



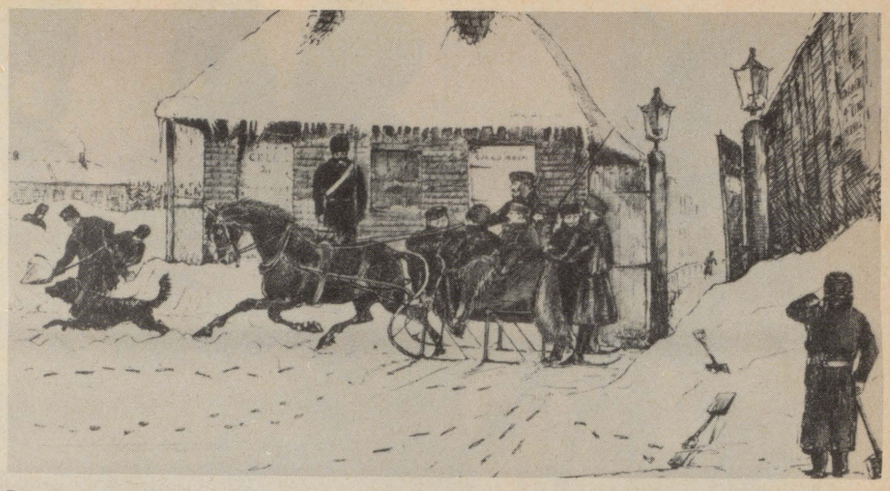
Louise Holubek

Poverty in Jamaica is among the worst in the Western world.

Private Tommy Atkins and company

by Christy McCormick

All prints courtesy of The Society of the Montreal Military and Maritime Museum.



Bringing a few friends to dine in the barracks (1870)
by Henry Buxton Laurence

Private Tommy Atkins certainly made his mark on Montreal. Molson's Brewery and the Bank of Montreal would not be what they are today without him. Some even say the appetites of the British Tommy gave Montreal her reputation as the sensual sin city of the Dominion, where there were more bars and brothels than anywhere else.

Private Atkins was an ignorant brute. Wellington called him the "scum of the earth." He came from the Irish bogs, the Welsh coal pits, from the broken clans of Scotland, and the industrial slums of England. In the throes of desperation, drunkenness or both. Tommy Atkins took the Queen's shilling in the nineteenth century and was marched off to barracks. He would receive a shilling a day, half of which would be deducted at source for his upkeep, leaving him two pence to spend, two pence to lend, and two pence to send home to his wife.

There would be other deductions he would learn about later, deductions carefully noted in the excellent book, *British Regulars in Montreal* (McGill-Queen's University Press) by historian Elinor Kyte Senior, BA'52, PhD'76. Senior tells us that Montreal was one of the best stations of the Empire for the British soldier, after having experienced some of the worst.

The fact that Montreal was a fun town for the soldier is given greater clarity, however obliquely, by another excellent book *Slaves in Red Coats* (Yale University Press). It is written by professor of history at the University of Hartford, Connecticut, Roger Norman Buckley, PhD'75. Senior's work covers the 1832-54 period, while Buckley deals with an earlier period between 1795 and 1815. One connection between the two works is that the British soldiers often went to the Caribbean station before coming to Montreal. And the life in Canada was so startlingly superior to that in the tropics that these soldiers were often inclined to desert their Montreal post and melt into the local population.

The British soldier arrived in a stinking brig, often shaking off the remnants of a sub-tropical disease, not an easy thing to do packed in with 500 others in his battalion. His band would play as the regiment disembarked to be marched off to the old Water Street and Quebec Gate barracks, near the present day corner of Amherst and Notre Dame Streets.

If Montreal wasn't burning or rioting, which it frequently was in those days, Private Atkins would tidy up the barracks usually left in a mess by the none-too-house-proud departing regiment he had come to replace. Then to the big task of preening himself, shining boots and brass for the big parade on the Champs de Mars that would introduce his unit to the local population.

Some soldiers had wives and children with the unit. Only 6 percent of the unit was permitted this privilege. But their choice of a wife had to be vetted by the company commander and then approved by the colonel. The standing orders of the Royal Welsh Fusiliers, later to be immortalized in *Goodbye to All That* by Robert Graves, were precise about the role of regimental women: "No woman is to be allowed in barracks who objects to making herself useful in the Regiment, in washing and mending, in cleaning rooms, assisting the cooking, and attending the sick women when occasion requires."

In the Montreal station, the soldiers' life began at 6 A.M. After breakfast they went through the training cycle, drill and maintenance of quarters. They were beef-eaters and received their ration of beef and bread at noon, after which most were allowed to hit the town's bars and brothels until 8 P.M. curfew. Occasionally, there were evening passes for special events, such as theatricals, courses, society and club meetings, but these were infrequent. After curfew, they could drink in the barracks canteen, use the garrison library or take courses in the Three Rs, given by either a sergeant school master or one of the civilian teachers hired from the town.

Molson's Brewery made no bones about its love for the army. In an average year, the brewery earned £253 from direct sales to the military establishment, which was only a fraction of the money made from sales to soldiers off base. The military also dealt with the Bank of Montreal, who became the leading banker of the nation and held that lead for more than a century.

Efforts were made to limit drinking and wenching. Spreading beer money payments to once a day was a simple expedient to prevent a monthly splurge of drunkenness that would incapacitate an entire regiment for two or three days. The Roman Catholic church pitched in to help reduce the influence of the brothel, setting up a house for "unfortunate females," with a view to providing a "retreat to preserve the innocent and destitute from pollution."

In addition to raiding the "disorderly houses" in the 1840s, the authorities set up libraries in the hope of redirecting the energies of the soldiers, but there were officers who disapproved of the idea altogether. Said one: Libraries would set "the direction of the minds of men to subjects utterly unsuited to their position . . . expanding his intellect, these tend to give the soldier, especially if he be a young man – an unduly exalted opinion of himself, and induce contempt for the position he occupies."

However, such objections were overruled. In the 1850s, schooling was considered part of a soldier's duty, illustrated by a standing order: "A soldier, after being dismissed from drill, shall attend school as a duty, until he has been reported upon as sufficiently advanced in reading, writing, and arithmetic."

Garrison strength was seldom less than 1,500 and at times grew to nearly 3,000. It was mostly infantry, with the permanent Provincial Cavalry and a large detachment of Royal Artillery. In a town of 50,000 in the 1840s, great numbers of troops made a highly visible impact on Montreal social life. When the governor changed, troops lined the streets. The fire



Officer's winter dress

Officer, sergeant, and private of the 71st Highland Light Infantry

Sergeant of the 15th (York, East Riding) Regiment of Foot (1837-38)

brigade, raised as a militia unit, would also take part in these displays. The route of the departing and arriving governors would be ablaze with scarlet and gleaming brass. Bands played, pipes skirled, gunners fired salutes, while the Provincial Cavalry and the local militia regiment of horse, the Queen's Light Dragoons, rode escort.

Most parades and reviews took place on the Champs de Mars, but bigger military displays, to celebrate the Queen's birthday or the anniversary of Waterloo, took place at the large race course at Lachine taken over by the military for this purpose. These would draw people from miles around, who would go to considerable inconvenience to see the gargantuan military displays.

The arrival of a new unit would be marked by a parade on the Champs de Mars. Great attention would be paid to its drill and the quality of the regimental band. The Gazette of the Sutherland Highlanders in 1844 stated: "it has a body that can be seen to perfection, and their particular dress shows to the highest advantage," and added that the band "is one of the finest we have heard in a long time and will be a great acquisition to evening amusements in our good city."

That last statement touches on one of the tensions that arose between the garrison and locals. Montreal musicians complained that military bands were reducing their ballroom work. This of course was a small problem when put against the Rebellion of 1837 as well as the many riots of Irish Lachine Canal builders and political battles at election time, which often placed the garrison at odds with elements of the population. There was also the constant irritant of having drunk soldiers wandering the streets, getting into the usual troubles.

The military was conscious of this, forever trying to placate ruffled feathers. As Senior comments on the arrival of the Highland Light Infantry: "... as the first rebellion was over and before the second had erupted, its band coquettishly played 'Voulez-vous Danser, Mademoiselle' as the troopship neared the wharf where an immense crowd on the beach ... cheered without end."

Local groups, churches, theatres, debating clubs, museums, literary historical societies actively solicited participation from the officers and men of the garrison. The Garrison Amateurs staged innumerable plays and theatricals of a lighthearted nature. Debates on whether flogging should be abolished in the army, or whether mail service should be stopped on the Sabbath, were enthusiastically joined by the garrison. The garrison has also been credited with the introduction of hockey and curling. "Whatever the legitimate claims for the military origins of the game of hockey," writes Senior, "undoubtedly the military fostered curling. By 1840, the city had two curling clubs – the Montreal Curling Club ... and the Thistle Curling Club."

If the British garrison had a complaint against the Montreal station, it was the costly and "saucy" servants, and the propensity of the government to tax anything it could, even imposing a levy on the import of officers' uniforms.

The Caribbean was appreciated for cheap, servile servants, but as Buckley points out in *Slaves in Red Coats,* there was little else to the liking of the British soldier there. Buckley deals with a time when the life of the British soldier was a good deal more difficult than it was later in the nineteenth century. The thrust of his work deals with the purchase, treatment, and role of the slaves of the West Indies Regiments, who had to augment the sickly British garrison whose members fell prey to infection and disease, particularly yellow fever. Because blacks contracted yellow fever as children, they had a high resistance to the disease later



Uniform of the 66th Berkshire Regiment of Foot (1838-47)

Officers and private of the Royal Artillery

Highland Piper

in life. Another problem was the general ill health of the British soldier during the late eighteenth and early nineteenth century. He had been driven into military service because of hunger, and on arriving to reinforce the West Indies garrison, he was further debilitated. As one commander put it: "(we) only serve to fill the hospitals and are sweeped (sic) away by the climate."

The military business of the day was fighting the French in the post-revolutionary and Napoleonic periods. It was a time when revolution was in the air and the republican spirit was a fuse that might set the vast slave populations into revolt. So it was understandable that slave owners vociferously opposed arming slaves as troops. But Buckley points out that the slave soldiers turned out to be excellent troops, who effectively defended the establishment against its enemies, be they external or internal.

The big problem confronting the colonial society of the Caribbean was the social position of the slave soldier. Was he a soldier under military law, or a slave under civilian slave law? This was no light matter when a slave soldier on duty might be forced to strike a white in defending a post. If white, the soldier would simply be doing his duty; but if black, he might be committing a capital offence. Before it was resolved, in favor of military law for the most part, black soldiers were held without trial for up to a year, because no one could agree on which law would apply to the felony.

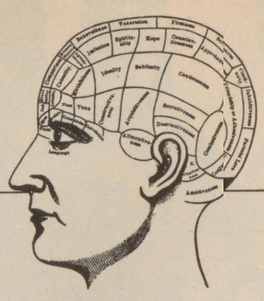
Accordingly the slave soldier led an odd double life. The army said he was equal to the white soldier and treated him that way. But beyond the gates of the military post, he was a slave. Inside the gates, he earned the same pay, performed the same duties, and went to the same hospitals. It was a life that gave him every reason to believe that even if he wasn't exactly free, he enjoyed a special status – a special status he jealously guarded.

After Waterloo, the French ceased to be a threat and the cost of maintaining garrisons in the British Caribbean became intolerable to the local colonial governments. But the colonials were obdurate on one point. They did not want the black garrisons disbanded on the islands. In the end the slave units were scattered. Some 1,200 returned to Africa to populate the free state of Sierre Leone. Some went to British Honduras, others to Trinidad, all drawing, unlike those blacks who had not been inducted, the same army pensions as their white counterparts.

Defending the Empire and furthering its growth was a costly business. In the West Indies, it meant buying slave soldiers at a price that rose from £56 to £75 a head between 1795 until the last purchase in 1808. In Montreal, it meant keeping the British soldier in line with a much higher standard of living than enjoyed by those stationed in other colonial outposts. But what seldom was or is appreciated by the societies in which these soldiers served is how much they contributed to the culture in which they lived. These works by Senior and Buckley make this clear. Whether it was the performance of the soldier slave that showed his worth was equal to, if not surpassing, that of the white soldier, or whether it was the participation of Private Tommy Atkins in Montreal debating, curling or hockey clubs, the British Army made an enormous contribution to culture and the advancement of civilization. It is something that is rarely acknowledged, but we can thank the excellent work of these two historians for proving it. □

Where mind meets machine: The symbionic brain

by Phoebe Munro



The study of the brain has come a long way from the Victorian "science" of phrenology, a theory that suggested that all our acts were dictated by the shape of our skull. It has come so far that some foresee tiny computers implanted in the cortex of the brain to make us more intelligent. McGill Professor of Education Glenn F. Cartwright, who heads up his faculty's Computer-Based Instructional Research Lab, refers to this recent development as the "symbionic brain." "Far from being science fiction," he explains, "it is science projection, based on medical developments now going on."

Cartwright has coined the term "symbionic brain" to describe this new computer. A synthesis of "symbiotic" and "bionic," the word describes a unique interface between man and machine, between brain and bio-chip. Cartwright's definition of "symbionics" has just been included in the *Encyclopaedia of Educational Media Communications and Technology*. "The reason for the word's popularity," says Cartwright, "is that it expresses the idea of an advanced electronic cortical function that becomes so important to you that it almost seems to be living with you. Imagine an instrument that is intimately connected to you, that cannot function without you, that depends on you for data, thoughts and input. I am not ascribing life to it, but it is useless without you, so it produces a kind of symbiotic relationship. Enhanced by this device, you become to some degree 'bionic.'"

Cartwright describes a Toronto conference where he and several other scientists delivered papers on symbionic functioning; none had ever met before. "One member of the audience stood up and said we were perpetrating a hoax. Yet it's all based on medical research going on today. It doesn't take a genius to see where it's heading."

Not a genius perhaps, but certainly someone as knowledgeable about computers and their use as is Cartwright. As an educational psychologist and computer scientist, he conducts studies into the use of computers in education and their effects on students and teachers. He also looks at social and personal variables in computer instruction, including the influence of hemisphericity in word-processing techniques, the difference between gifted and non-gifted children using LOGO (a computer language designed specifically for children), and the use of computers in group teaching.

Cartwright foresees the symbionic brain as one of the next inventions to expand human capabilities even further than have the microcomputer and the calculator: "In the future it will be possible to build more sophisticated intelligence amplifiers that will be internal extensions of our brains. These 'ethnotronic' devices will be significantly more powerful than present-day computers and may even be wired directly to the human brain for both input and output. They will amplify and strengthen all the intellectual abilities we now take for granted as comprising intelligent human activity."

The development of "emgors" has shown us one way of interfacing to the brain directly and may contribute to the development of the symbionic mind. These electromyogram sensors are currently being used to help amputees better operate artificial limbs. As Carwright explains: "The trick is to find in the stump of the severed limb the brain's own natural impulse called the myoelectric signal or electromyogram (EMG), improve it through amplification or other means, and use it to control electronechanical devices in the prosthetic appliance ... The extension of this research could allow quadriplegics to control devices other than myoelectric arms, granting them greater control over their lives by allowing them to do more of the simple things we all take for granted: close a window, turn on the TV, switch off the room lights, or type a letter. In the future, the same principles may be used to benefit everyone by allowing us to control mentally a wide variety of useful appliances."

Another device that is enhancing the human cortex is the cerebelar stimulator, or brain pacemaker. "For example," explains Cartwright, 'there is a small model that can be implanted under the scalp to stimulate certain parts of the brain when directed to do so by radio command. The technique was described some years ago by Dr. José M.R. Delgado, now at the Centre Ramon y Cajal in Madrid, Spain, who in a dramatic demonstration, achieved fame by pressing a button to stop a charging bull. The button activated a radio signal to a pacemaker implanted in the bull's skull designated to alter its charging behavior. In humans, such mental pacemakers are now being used to prevent patients from falling into deep depressions, to avoid epileptic seizures, and to reduce intractable pain."

Also under study is biocybernetic communication. It attempts to link brain wave patterns to specific thoughts. This work is an off-shoot of research that was being undertaken by scientists at Stanford University in Palo Alto, California. They had developed a way of receiving brain waves so that subjects hooked to a computer were able to move a white dot on its screen simply by thinking about it. "This Stanford work," points out Cartwright, "seems to have vanished, but not before the United States Defense Department picked it up. It obviously has enormous military implications. It has been reported that the U.S. Air Force has trained subjects to control their alpha waves in order to send Morse code messages that could be picked up by a scalp-monitoring machine and fed into a computer."

Certain brain waves are believed, as well, to be associated with decision making. "The P 300 wave (positive potential, 300 millisecond latency) is usually associated with decision-making ability," says Cartwright. "Though the wave appears after each decision, it is often delayed when a wrong decision is made. Theoretically then, it should be possible to construct a device to warn us when we have made a bad decision, to alert us to when we are not paying attention (a boon to air traffic controllers), or to monitor general states of awareness." Certainly, biocybernetic communication points to a time when a vast range of appliances, from small calculators to army tanks, could be controlled directly by the human brain. They would simply be operated by our thoughts and without such intermediaries as keyboards or push-buttons.

Artificial intelligence is another subject under investigation. Researchers are currently working to endow computers with such human abilities as pattern recognition and problem solving. The small chess-playing machines now available are a result of this research. And finally,

biotechnologists are experimenting with the principles of genetic engineering to construct tiny biological processors or "bio-chips." As Cartwright explains: "The advantage is that by using the techniques of recombinant DNA, very small devices (VSDs) can be assembled with great precision."

He predicts that these bio-chips could be successfully implanted in the cortex and may even be designed to assemble themselves. "The actual device will consist of electrodes connected to an interface of cultured embryonic nerve cells which can grow three-dimensionally and attach themselves to mature nerve cells in the brain ... Ultimately, the provision of the appropriate set of genes could enable, a chip to repair itself, DNA codes could be used to program it, and enzymes to control it ... Though the immediate medical goal is to produce a more effective visual prosthesis, the technique, if successful, has wide-range ramifications."

This research on emgors, cerebellar stimulators, biocybernetic communication, artificial intelligence, and biotechnology is steadily converging into the first successful interface between brain and computer – the symbionic mind. All this will not make us equally intelligent, Cartwright argues, but rather relatively smarter. We will have access to huge data banks, instant mathematical computation, and worldwide communications. We may develop artificial senses, thought-control over mechanical devices such as light switches and, as startling as it may seem, the direct transmission of TV and radio signals into the brain.

"People laugh at the TV idea, but a TV is a converter. It converts a signal you can't do anything with into something the eyeball can use, but that the eyeball converts right back into a form suitable for the brain. So why not bypass the sensory inputs?" asks Cartwright. "Get rid of the TV and the eye, and have the program beamed directly into the brain: the sensation of seeing pictures will be created in your head.

"I don't believe telepathy exists, but we could stimulate it by hearing voices in our mind that have been transmitted over the telephone lines. If I took this telephone wire," he says, "cut off the phone at the end of it and could connect it directly to my brain, my thoughts could be picked up by the symbionic brain and transmitted over the wires to you."

All this begs questions that Cartwright says should be asked before the symbionic brain comes into existence. Will people, for example, be able to read other people's minds? Will the computer actually enhance intelligence or simply widen the gap between those who are intellectually gifted and those who are not? Could the benefits of symbionic thought be limited to a powerful minority?

The schooling of children will also be effected by these technological advances. When students have access to huge data banks of material and instant communication, the role of the teacher will change substantially. They will become true "managers of instruction" and resource people for the students who, in effect, will design their own learning programs. As children become expert at finding information instantly, relating ideas and patterns of thought, they will develop a highly conceptual form of thinking, creating a special quality of genius that has never appeared in history before.

Cartwright says that there are basically two types of people who are critical of the notion of a symbionic mind. "Some say it will never happen. I say, 'Okay, what's your scenario?' What scares me is not that they don't know what will happen, but that they've never thought about it. I don't like to be called a futurist, but it is common sense that we are all going to live in the future, and we should pay attention to it, rather than criticize those who are trying to predict future trends. The second kind of skeptic says they don't know of any kind of work being done in this area. Well, they're just not up on it."

To give an example, he launches into a description of computers operated by light rather than by electrical impulses, using a sophisticated system of laser beams, fibre optics, and a new invention called a transphasor. All the elements exist now. It is merely a matter of putting them in place. As with the light-powered computer, so it is with the bio-chip: projection based on fact. "Nature," he explains, "can build anything out of protein, from bacteria to whales, so why shouldn't we use the same principles to build a small bio-computer. A computer that self-assembles, repairs itself, is programed with the use of enzymes, is smaller, more powerful, bio-compatible and uses less energy than the conventional silicon chip. We're talking the size of a molecule or slightly larger."

This tiny bio-chip has implications beyond expanded intelligence. Cartwright predicts it may lead to a whole new level of consciousness – what in 1900 McGill doctor Maurice Bucke called "cosmic consciousness." "Global awareness was brought about by the electronic media. Global consciousness, though not well-defined, could be brought about by levels of communication beyond the conventional media, the symbionic mind inputting stuff directly into your brain. Each brain then becomes a cell in a giant consciousness. Bucke felt that Christ, Mohammed, and Buddha had all achieved that level."

Cartwright would like to see a centre established for the study of electronically-enhanced consciousness, a multidisciplinary effort embracing medicine, philosophy, and psychology. "Wilder Penfield electronically stimulated the brain and produced memories. Why can't we do the reverse?" he asks. "Find out how memories are encoded electrochemically and so on. There is room for imaginative approaches, not only in neurology, but in philosophy, social psychology, and the ethical and moral issues of enhancing people's consciousness electronically."

Amazingly little research has been done in this area, and there is no centre that Cartwright knows of which brings it all together. "There are scientific ways of studying the future," he adds. "Whether one agrees on which are the best ways is a whole different issue. The point is that we have to get away from the notion that someone who studies history is a historian, but that someone who studies the future is less than a serious scientist." □



Vivian Kellner

Dr. Glenn F. Cartwright: "In the future it will be possible to build more sophisticated intelligence amplifiers that will be internal extensions of our brains."

Roughing it in the (academic) bush: Mature student diaries

by Drs. Donna Logsdon and Kathleen Sibbald

Mary:
32, wife of a professor, with 2 children under 12, wanting to be a minister

Alain:
23, single, hoping to be "among the first people to colonize and industrialize space"

John:
39, single, computer systems programmer, interested in geography as a means "to broaden" his outlook

Helene:
32, divorced with 2 children under 5, and "tired of being poor"

Robert:
28, single, living at home, anxious to get away from "everyday jobs"

Marguerite:
47, caring for "husband, daughter, car, (fat) dog, (black) cat and (3) fish," looking forward "to springing merrily into the next 50 years of her life"

What do these people have in common? All over twenty-three and without the usual academic background necessary for admission, they are currently enrolled at McGill among the 150 or more who enter the university each year as mature students. In order to assess their needs and help in their initial adjustment to university life, the office of the Dean of Students sponsors a three day orientation and academic skills workshop for mature students. In September 1981, 1982 and 1983 participants were invited to become involved in a novel experiment. As part of the Mature Student Journal Writing Project, they were asked for frank evaluations of themselves in particular and of the institution in general in the form of daily journals recording their first four weeks at university.

These journals were read by Dr. Donna L. Logsdon, workshop animator and professor of education, and by Associate Dean of Students Kay Sibbald, PhD'76, both interested in learning more about the problems, experiences, and feelings of mature students during this crucial adjustment period. Based on their work with them over the last five years, Logsdon and Sibbald have provided students with the opportunity to make their needs and problems known. The two professors have offered solutions to immediate difficulties, as well as encouragement to continue on at McGill. Overall, journal comments were positive, both in terms of personal assessment and with regard to McGill's academic programs and student services. However, careful rereading of the journals, revealed certain difficulties that mature students experience in their first weeks at university. These may be grouped into four categories: academic, financial, travel, and emotional. The following conclusions and direct quotations are taken from the journals.

Academic
Generally, mature students feel the need for specific academic advising. The problem is a complex one: sometimes individual students have inadequate training for certain university level courses and must be oriented toward introductory level material; occasionally a student has a mistaken – if popular – idea about a particular course of study (management, psychology, translation) and would be happier elsewhere; and, all too often, the present advising system tends to ignore the academic shortcomings of those students. "Today I am no less disgusted at the disorganization of the advisory process I've encountered" states one student. "I consider effective counselling and advising of new students as one of the most important preparations for a successful academic career. It seems laughable that I should have had to advise myself." Indeed, naive questions such as "What is a major and a minor?" illustrate how ill-prepared many students are for self-advising.

Having been away from formal learning for some time, most mature students are concerned, sometimes with good reason, about their inadequate academic skills. A common lament is that "Often the instructors want us to read the chapters ahead of time. I am struggling because I can't understand everything." "Cal. II is becoming a pain. I know I can't handle it, so I'm going to drop it and take Cal. I." Some students, unfamiliar with procedures for efficient library use and reluctant to confess this difficulty to library personnel, fear getting lost or wasting precious time. Kay, age 46, whose last formal learning was nurses' training twenty-five years ago, reports, "I was able to write a one page synopsis. It is not due for two weeks, but I needed to try my hand at something concrete to remove the fear of the unknown, that is, to see if I could write something." Many feel their brains are "rusty" and they must "get in shape."

Usually the mature student is goal-conscious, seeing courses and the degree as necessary steps to career advancement; however, the attaining of that goal is sometimes fraught with difficulties. "My major is political science, but I'm starting to wonder if I miscalculated, and maybe my emphasis should have been in religious studies." "I went to the biology lecture today . . . felt the same frustration . . . went to the Powell Building and wrote an aptitude test . . . my feeling is that I'm definitely not going in the right direction." Further discontent results when previous life and/or work experience related to their degree program is accorded little value and no academic credit by the university and its instructors. On the positive side, however, most students consider education "a privilege" and, although demanding, course loads are nearly always stimulating.

Financial
Attending university involves certain financial pressures for all students. In the case of mature students these pressures may be exacerbated. For example, giving up a well-paid job to study full-time results in a loss of financial freedom that many find traumatic. "Why did I leave my nice high-paying job for the hard working life of a student when I might not even get a job in this field after graduation?" Conversely, others who opt to study part-time may find themselves ineligible for government loans and bur-

Sept. 14.
First day of courses. Anxiety set in. I get bored anyway with thoughts like "Why did I leave my nice, high paying job to get the hard working life of a student?" and I might not even get a job after in this field. I'm feeling terribly insecure and uncertain. I find I have to talk to myself to encourage myself - I didn't want to do my other jobs forever, I'm financially secure for the next little while, what's money its not important, I'm so worried about whether I made the right choice. Part of my anxiety is due to the fact that I can change my mind in one year's time. (I do feel better, even after writing this.)

saries. "I was seriously thinking of quitting because I can't make it alone with the loan and bursary from the Quebec government," says a single male, age 29. Another single male states, "If I don't receive it (government loan), I will have to stop my studies. My whole future is depending on this. I'm so scared." Whatever the cause of the financial pressure, the problem is clearly an urgent one. "My main concern right now is money. Will I get enough to survive, buy books, eat, pay the rent?" wonders a divorced woman after leaving the protection of her "live-in arrangement." And a 23 year old male, no longer eligible for unemployment insurance, gives a cry for help: "Money is a big issue right now. I need it now, not in two months. I guess I'm kind of desperate. What can I do?"

Travel

Although one of McGill's attractions is its downtown location, access presents some problems. The older mature students tend to live in the suburbs, sometimes ten to twenty-five miles away from McGill and often experience difficulties in commuting to a downtown campus where parking is not readily available. Comments like, "I think I spend all my study time on buses" often point to a long day, physical exhaustion, and no real peace and quiet for reading. Certain mature students travel considerable distances to attend only one or two courses and are at the university only two days a week; some share "sleep-over-pads" for several nights a week; and yet others resign themselves to spending only weekends with their family and enormous phone bills. Increasingly, however, mature students live closer to campus, occasionally in the Student Ghetto, but at most four miles away. Some are particularly energetic and energy conscious, buying a new wheel for a ten-speed bicycle and setting impressive track records for mobility on and off campus!

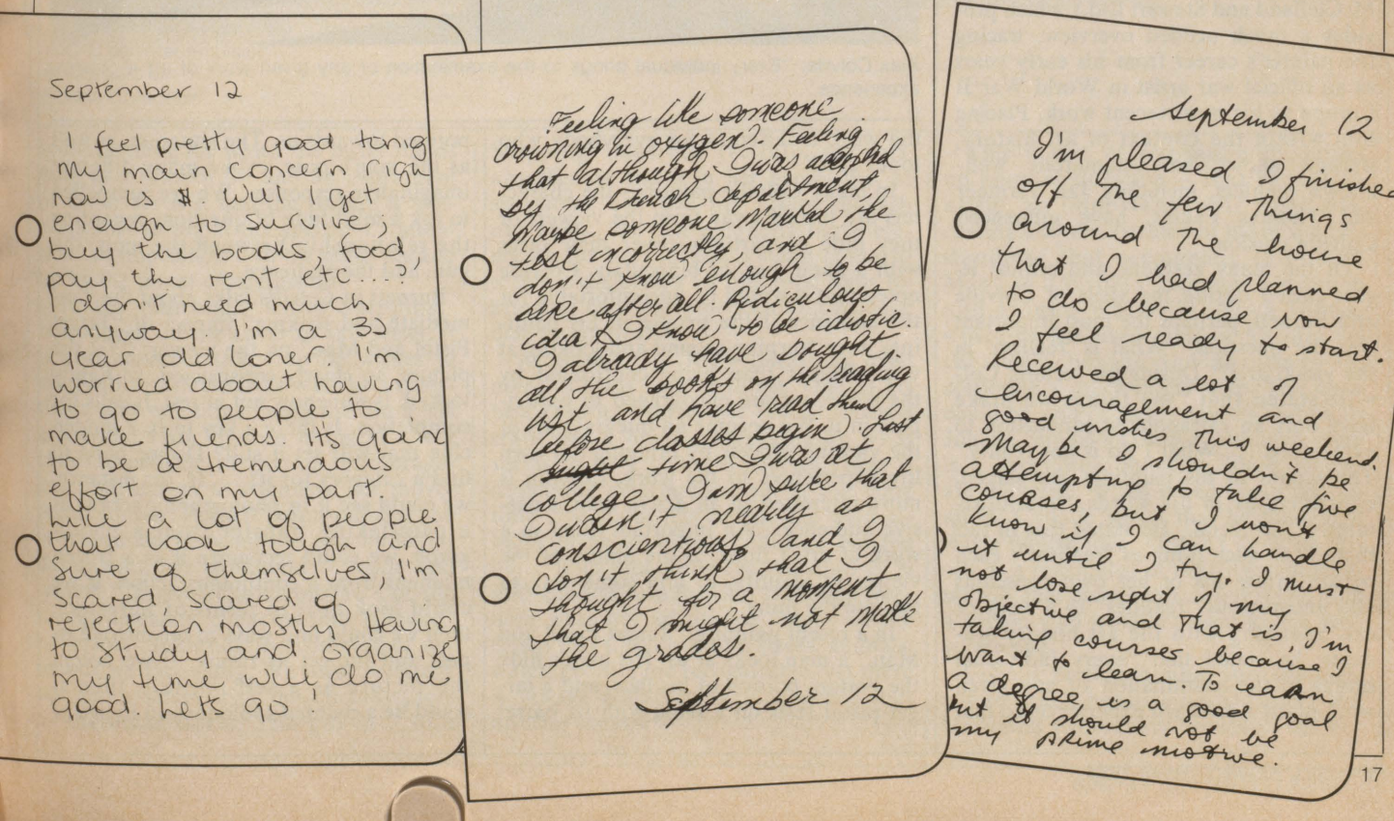
Emotional

Finally, coping with emotional stress is an accepted part of university life for all students; however, mature students with complex family, work, and community responsibilities may experience difficulties juggling demands made on their time. "Grappling to handle all my obligations," a married man with two children and a 40 hour a week job reports "trouble squeezing it all in." Caring for a household of three, a mature woman questions "how everyone and everything will fit in," but later observed that her "strings of attachment to household duties" were loosening slightly. Some "rush home to household duties," while others resign themselves, "I've decided to leave my daughter's bedroom just as it is." Those with families often experience guilt at their decreased contribution – "made supper . . . was home early enough to do it for a change." Most mature students would agree "it's not easy to put away things you are used to doing and that need to be done, so you can put your studies first. But it is vital." Sometimes partners are less than sympathetic. Usually financial considerations add further stress to the relationship. For example, it is hard to justify time away from established patterns; "My boyfriend thinks school is not important and that I should keep on working to make money instead of being poor"; or "In general I feel quite on top of things, although my husband keeps in mind the exact number of weeks I am owing for child support."

Other mature students may not have these familial worries but, conversely, they experience the loneliness consequent on being late to move away from a previous home base. They are anxious about "fitting in" with the younger students and are curiously relieved to find that "the students accept me more readily than people my age as I look so young" or that although the students "seem so young, they behave well anyway compared to older students." Social life, however, seems a problem, and some younger male mature students have decided, initially at least, that only celibacy is compatible with a return to studies.

Common to all mature students are self-doubt, a somewhat defeatist attitude, and a desperate desire not to fail. "Insecure," "struggling," "worried" are the usual adjectives chosen to describe themselves during the first two weeks at university. Sometimes such fears have physical manifestations. Several cases of rashes and severe headaches were reported.

Although it is impossible to identify the "average" mature student at McGill, all share the often difficult period of adjustment to life on campus. Happily, however, there seems to be a turning point and by the third week comments become more positive; "I feel *tout à fait à l'aise dans ma nouvelle vie étudiante*," "It was worth it to hang in," "Finally I'm launched into my university year." The notions of study as excitement and as a privilege return and, generally, all agree that "McGill is great . . . beyond my expectations." □



The paintings of Alex Colville

"A relaxed, but explosive quiet"

by Peter O'Brien

Alex Colville is one of a small number of Canadian painters who enjoys an international reputation. His work is in the collections of art galleries and museums across Canada, as well as in the Museum of Modern Art in New York, the Musée nationale d'art moderne in Paris, and the Nationalgalerie in East Berlin. In 1971, the German art critic Heinz Ohff wrote that Colville may be "the most prominent, indeed the most important realist painter in the Western world."

A travelling retrospective of Colville's work that includes working drawings and such well-known paintings as "Horse and Train" and "To Prince Edward Island" was at the Montreal Museum of Fine Arts from 2 February to 1 April. While in Montreal for the opening of his show, Colville delivered an illustrated public lecture at McGill and conducted a small student seminar in the department of art history. As a complement to the Colville visit, this department along with that of Canadian studies invited the Art Gallery of Ontario's Curator of Contemporary Canadian Art Dr. David Burnett to speak on the subject of "Critical Issues in Canadian 'Realist' Painting." Burnett is the author of the recently-published book, *Colville* (Art Gallery of Ontario-McClelland and Stewart Ltd.), which provides a much needed overview, tracing the painter's career from his early years as an official war artist in World War II Europe to his most recent work. Placing him within the context of art history, Burnett shows how numerous well-known painters, including Jan Vermeer and Thomas Eakins, have influenced Colville's vision.

Of the many aesthetic and critical issues raised during the visits of Colville and Burnett, perhaps the most important was the question, "What is 'realism' in the visual arts?" During his lecture, Colville stated that "the things we make have only an extrapolated connection to experience. . . . What I do is not reality." The scenes in his paintings are staged, contrived, or in his words, "manufactured . . . artificial." He stated that in fact there is no such thing as "realism": each person brings his or her own conscious and unconscious "realities" to a work of art. Speaking with the art history students, he stated that "every individual brings to the examination of any given work of art a different experience, so that the work is different for everybody who looks at it."



Vivian Kellner

Alex Colville: "Every individual brings to the examination of any given work of art a different experience."

In many Colville paintings the characters are turned away from the viewer; or they hide or partially cover their faces with a hand, hat, or binoculars. Colville noted that it would be uncomfortable for the audience if the people in his paintings were "turning around and looking at you." Rather than being confronted by the scene, we are encouraged to participate in it. We become an integral part of the viewing process by bringing our own life experiences to the work. Colville is more interested in an active than a passive audience: "An important thing in a work of art, I think, is the ability of the viewer to identify, to find some way to get into the thing."

In a recent painting, "Target Pistol and Man," a man looks at us. His hands hide the bottom portion of his face, and a target pistol rests on a table with its barrel pointed towards us. The situation, as well as the man's pose, evoke many different imaginative responses. We are compelled to ask a multitude of questions regarding the relationship between the man, the gun, and the audience.

Burnett in *Colville* talks about the "immediate and striking" impact of "Target Pistol and Man" on the viewer: "Yet the picture, so clearly constructed, so tightly locked, is somehow not at rest. It calls for completion. Is there a key to it, a hidden clue that will set it still? Do we need to find a category for it? . . . If, for instance, we could see it in photographic terms, as a painstaking transfer from a photograph, we could recognize it as a frozen moment from a continuous action. If we could look at it in terms of narrative, then we could find ways to reconstruct its past and project its future. If we accept the picture as a self-portrait, then it could be a painted soliloquy, an image of

Reproductions courtesy of the Montreal Museum of Fine Arts



Target Pistol and Man 1980
Acrylic polymer emulsion
60.0 x 60.0 cm
Private Collection

soul-searching for which the pistol stands both as a symbol for and an instrument of death. Or is it that the picture is simply a way to tug at the spectator's attention, an imposition into his space backed up by the threat of aggression?"

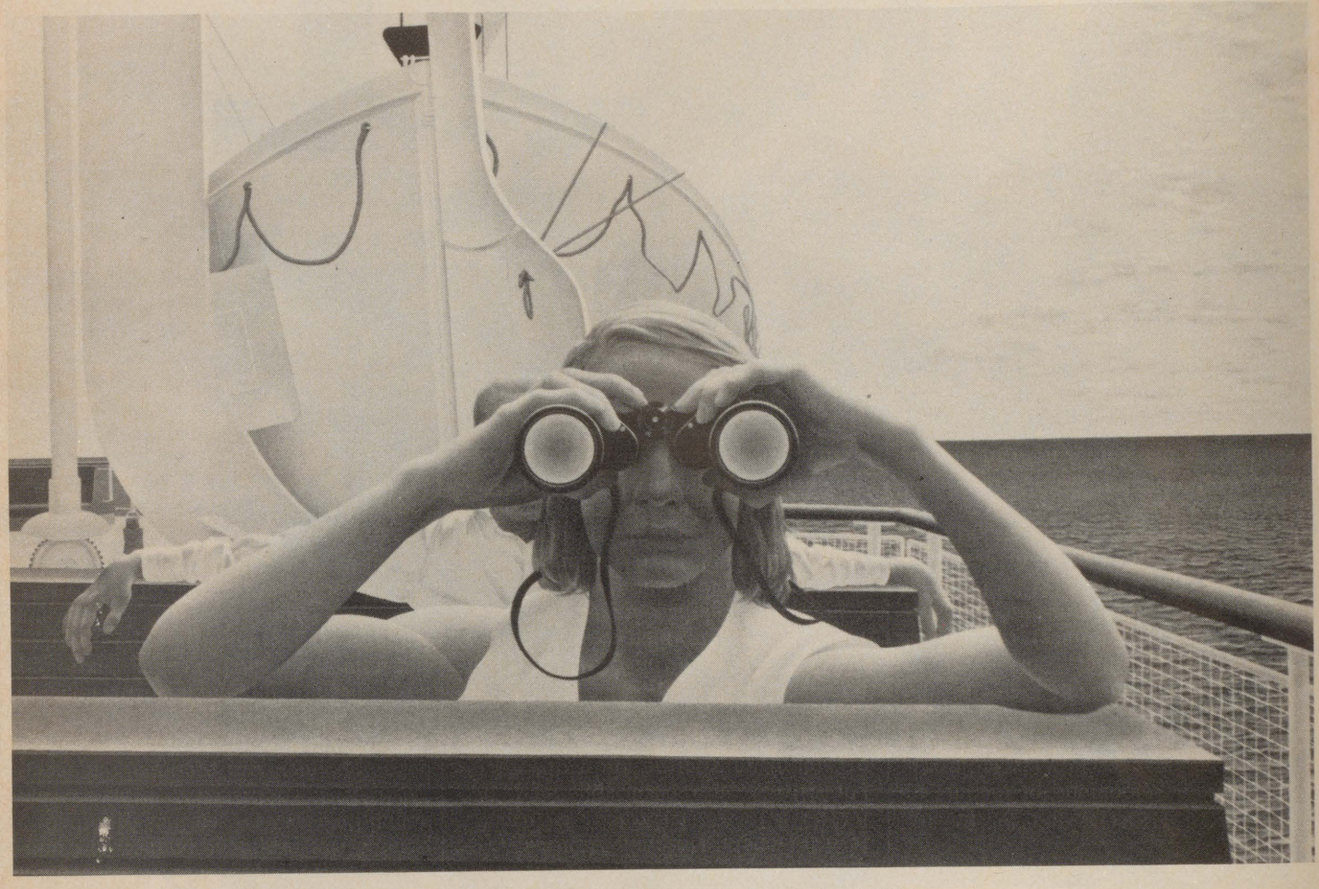
In the painting, "Child Skipping," reproduced on the cover of this *News*, it is also apparent that Colville wishes to elicit an intellectual as well as an aesthetic and emotional response from his audience. This "frozen moment" of a child suspended in mid-air encourages our imagination to complete her movements for her. Burnett points out that she is suspended between the two buildings dominating her childhood – home and school. "In picture after picture Colville brings disparate elements into balance," he writes, "reflecting the complex of demands we face daily. We must reconcile our inner selves with the circumstances of the outer world. The girl in 'Child Skipping' does not yet fully see this, absorbed as she is in her game. We, as spectators, can live her future through our pasts. We can reconcile these elements for her, just as we can come to terms with events in our own lives by bringing their movements into a balance that we control."

At times, Colville's paintings exist more as ideas than as things. One of his best known, "Horse and Train," shows a train and a horse converging on what seems to be a collision course. There is something deterministic yet at the same time free about this image: the train alludes to an imminent collision, but the horse is in mid-stride (as the child is in mid-air) and runs forward as though freedom were not an illusion. Many of the things that Colville paints (trees, animals, water, people) are recognizable, yet there is always a disturbing intelligence that informs the work.

This notion of recognizability brings up another question – that of regionalism, an important topic when discussing Colville, because of the misunderstandings that accompany this term. Many of Colville's paintings are set in and around Wolfville, Nova Scotia, where he has lived most of his life; yet the ideas behind the paintings incorporate a much larger map. The same could be said of James Joyce's Dublin or Johann Strauss's Danube: although there is a geographic influence, their themes are universal. When asked about regionalism, Colville stated that he thought it was a foolish idea: "I don't think of myself as a regionalist in the silly, sentimental way that people talk about it (yet) I'm a person who wouldn't want to live anywhere else."

Colville prefers familiar surroundings, not so much because he considers the Maritimes particularly beautiful, but be-

To Prince Edward Island 1965
Acrylic polymer emulsion
60.9 x 91.4 cm
National Gallery of Canada, Ottawa



cause of his concern for tradition and a sense of rootedness. "I don't think any place is more beautiful than any other," he says. "But I like being where I know what's going on. Every time you move, for example, you lose your friends, you lose your known environment, you undergo a real trauma. All your connections are broken and you have to rebuild your life."

Rather than being classified as a regionalist painter, Colville belongs more comfortably to a loosely-knit school known as the "magic realists," a group that includes such American artists as Edward Hopper, Grant Wood, and Andrew Wyeth. In 1942, Alfred H. Barr defined magic realism as "a term sometimes applied to the work of painters who by means of an exact realistic technique try to make plausible and convincing their improbable, dreamlike or fantastic visions." The term is particularly useful when we look at or talk about a Colville painting such as "Pacific," which shows a gun resting on a wooden table and behind it a man turned towards the ocean, with his back to the viewer and his head cut off by the top of the canvas. Although everything in the painting is clear and instantly familiar, there is a nightmarish vision presented, a relaxed but explosive quiet.

Colville has been a practising artist since the late 1930s, but it was not until 1963 that he could quit his teaching job and devote himself completely to his painting. Over the years he has been involved in various art activities in Canada, the United States, and Europe. In 1967-68, he was a visiting artist at the University of California at Santa Cruz, and in 1970 with the Berliner Kunstlerprogramm. He has honorary degrees from a selection of Canadian universities, has been an Officer of the Order of Canada since 1967, and in 1982 was named a Companion of the Order of Canada. In 1981, he was appointed the Chancellor of Acadia University, Wolfville, Nova Scotia. He has also received several important commissions: he designed the coins for Canada's 1967 centennial and in 1975 the commemorative medal for Governor General and Mrs. Jules Léger.

Colville's work and teaching have also been of considerable importance to a younger generation of Canadian painters, including Hugh MacKenzie, Christopher and Mary Pratt, Tom Forrestall, and D.P. Brown. His influence on these Maritime artists has not been to encourage a regionalism, but to inspire them with the universality of his unique vision and with the confidence that has always sustained his work.

During the McGill seminar, Colville joked about being the "locomotive of art history . . . I know this sounds pretentious," he says, "but I don't believe in false modesty. I've always taken myself seriously – even as a kid. I always thought, 'I'm going to try and do really great things.' Really! I always felt that way, and I don't see why everybody doesn't feel this way. I think we should go all out." □

FOCUS

Pearce Bunting



It's a typical Friday morning at the Toronto Stock Exchange (TSE). Down on the noisy, paper-strewn floor, traders buy and sell pieces of Canada's largest corporations as prices flash overhead on dozens of electronic screens. Overlooking this bustle in a private gallery and accompanied by a friend stands Pearce Bunting, BCom'52. He is quiet and unassuming in his conservative greys. Suddenly an oak panel slides open and a young hostess appears. "You gentlemen will have to leave or move to the public gallery," she says authoritatively. "But I'm the president of the Exchange," says Bunting softly, almost apologetically. The flustered hostess mumbles an apology and retires.

This mistake was easy to make because Bunting looks more like an anonymous businessman than administrative head of Canada's most important stock exchange. And the truth is, he never planned to become a stock broker, let alone president of a busy exchange. He simply accepted the first job that came his way after his McGill graduation. "A friend told me that a firm called McLeod, Young and Weir was hiring people, so I went down, was hired and started in the brokerage business. That was the limit of my job investigation."

Bunting remained in McLeod, Young and Weir's Montreal office until 1955 when his father wooed him back to the family business in Toronto. The elder Bunting was also a broker and Pearce stayed with Alfred Bunting & Co. Ltd. until 1977, when he gave up its presidency to take on that of the TSE.

Although born in Toronto, Bunting moved to nearby Oakville at the age of two. But his father's ill-timed entry into the brokerage business – a year before the crash – made his family's arrival in one of Canada's wealthiest communities somewhat precarious. "He thought at the time he was a millionaire," recalls Bunting. "But then the bottom fell out of the stock market."

Luckily for the Buntings, this setback was only temporary. In fact, the move soon proved to shelter them from the hardships of the Great Depression. "I don't remember that it was a difficult time for our family," he says. "I do remember it as a trying time for a lot of other people."

Then the Buntings left Oakville when World War II broke out, moving to a small farm. "I'm not sure why we moved," says Bunting. "It turned out to be a great error, because gas rationing meant we were really stuck on the farm."

But it was not Bunting's destiny to become a gentleman farmer. He was packed off to Appleby College, a private boy's school near Oakville, and then to McGill. "It was the thing to do at that time," he explains. "There was quite a large group of people from Toronto at McGill then. And I think my parents also hoped I'd come back from Montreal bilingual and broadened. I think it was broadening; it certainly wasn't bilingual."

Bunting's poor grasp of the French language finally prompted him to abandon arts for business. "I actually ended up with more arts courses than I needed for an arts degree, but I never was any good at French.

"McGill, at least in my first couple of years there, was as much a social event as an academic one. Having been let loose on a community as big as Montreal after boarding school, I felt a need to test all the things that were available. And it was a time when ideas were flying around. There was a lot of discussion on all sorts of subjects. Perhaps I shouldn't admit it in this day and age, but I went to meetings of the Communist Club in my first year. I found it all quite fascinating. It's an era in my life that was maybe the best."

One of Bunting's classmates at McGill was Zbigniew Brzezinski, BA'49, MA'50, later to gain fame as United States President Jimmy Carter's national security advisor. Bunting roomed with Brzezinski, and they discussed political philosophy on their daily walks to McGill. "I obviously had no idea at the time that I was talking to somebody who would make a difference in all of these things a few years later," he says. But he should have known when Brzezinski played foreign minister to Bunting's prime minister in the McGill Conservative Club's mock parliament.

Today, Bunting still presides over a conservative organization, but his job is closer to that of clerk of the privy council than to that of prime minister. The equivalent to the latter would be the chairman of the Exchange, a post Bunting held from 1973 to 1974.

As chief administrator of the Exchange, he is responsible for all aspects of its operation, from regulating listed companies to ensuring that the computer systems are functioning. He also oversaw the TSE's recent move to its new quarters in the Exchange Tower at First Canadian Place – "the best facility in the world today." It should, according to Bunting, serve the TSE's needs for another fifty to seventy years. He does admit he shocked some traditionalists by leaving the TSE's old Bay Street address behind. For decades, it had been synonymous with Canadian finance.

"I truly love the job here," he concludes. "And what I really enjoy is being a manager. There's a much larger staff here than at Alfred Bunting. There's much more to do in the way of motivation, organization, and planning. Some of the things I learned in Commerce at McGill have finally paid off." *Mark Gerson* □

FOCUS

Peter Van Toorn



David Rosen

When his new book of poetry, *Mountain Tea*, is launched this spring by McClelland and Stewart, Peter Van Toorn, BA'67, will probably turn up for the party. Not in the gold Cadillac he threatens to own someday, but behind the wheel of his new Mustang. One of the first Montreal poets since Leonard Cohen, BA'55, to make it in Toronto, Van Toorn doesn't mind a little attention – by every stretch of the imagination he has earned it.

Still, he is characteristically modest about his achievement. "If I accomplish anything, it's just through industry, through Montezuma-like labors!" he notes. "I mean labors that would kill most ordinary mortals! I'm capable of gigantic feats of asceticism and physical endurance that would leave most people dead, but they haven't killed me for some reason. They do reveal a few things to me."

Van Toorn's tongue is a match for the most jammed CB radio. His speech is an odd marriage of tough talk and eccentricity, accident and erudition, scholarliness and mystic sensibility. Sometimes he seems as far from the human world as a blast of freezing rain on a cracked windshield flying eighty miles an hour down a highway to the Aurora Borealis. His poems seem just to happen, like snow or a lucky saxophone riff, until he shows you the 150 drafts of a single poem, any poem, and you realise: this man *works* at being spontaneous.

It has been fourteen years since *In Guildenstern County*, Van Toorn's second book, was published to an enthusiastic response from, among others, Northrop Frye and Raymond Souster. Louis Dudek, BA'39, (who taught Van Toorn in the early '60s at McGill and published his first chapbook, *Leeway Grass*) has often said *In Guildenstern County* should have won the 1971 Governor-General's Award for Poetry.

The book came from nowhere Canadian poetry had ever been before; it seemed to have been written by a Whitmanesque upstart with a yen to "Rap up a storm/ get laid like track,/ go all out like dieselstack./ Start a beep, blaugh, gloovel, vroopazang or something." Was this "sound poetry"? For lack of an adequate label, somebody called him a postmodernist, a term that sidesteps the universality, even the popularity, of Van Toorn's work. If anything, it is ancient, more evocative of tenth century Japan than of North America in the late twentieth.

There is more than a whiff of Zen in his writing, and a fearsome discipline that seems foreign to much that is contemporary. Even Van Toorn will admit to the oriental influence. "For many years," he confesses, "I've loved the brushwork of Katsushika Hokusai (medieval Japanese Sumi-e painter). And I'm crazy about the films of Kobayashi." An editor once commented that Van Toorn's unpublished book of essays on poetics, *Chopsticks for the Atomic Age*, is "extremely economical and dense. You must have been made in Japan." "It's been observed by many people," he says. "Each line in my poetry is packed, it's a whole little world. My sonnets read like giant haiku."

Notwithstanding the spiritual connection to Japan, Van Toorn is thoroughly a Westerner. He spent his childhood in the rubble of post-war Holland, coming to Canada in 1953 at age nine with his parents and younger brother. At McGill he studied literature with Dudek and Hugh MacLennan, and painting with Patrick Landsley. He names as influences "all of English poetry," but Beaudelaire and Leopardi get thrown in along with Robert Frost and Leonard Cohen when he lists those most important to him. The jazz influences are there, too – Van Toorn is a poet of the ear, who was also a musician once, playing for years with a local blues band called Albert Faille.

In the past, Van Toorn did all the design and editing of his own books, supervising every detail of layout and printing. But now that McClelland and Stewart have stepped in, he can sit back and take a breather. He's now polishing his book of essays for eventual publication, working on a new *Book of Portraits*, and finds time as well to help younger Montreal poets like Neil Henden and Stephen Brockwell, former students whose work shows promise.

This year Van Toorn becomes editor-in-chief of Village Lights Press, which he has started at John Abbott College where he currently teaches. "It's a natural process," he explains. "Older poets help younger poets. That way the tradition gets passed down."

In a sense, twenty years went into the making of *Mountain Tea*, a collection that includes some work from the earlier books, much new work, and numerous translations. When it comes to writing, Van Toorn shows a taste for the monumental and the minute. An early poem, "Dragonflies, Those Bluejays of the Water," reveals an encyclopedic fascination with the magic of the natural world. Obsession with detail means that books don't roll easily from his typewriter. It takes a special gift to make mountains out of molehills, and when recognition finally comes, perhaps it tastes sweeter because it's deserved. *Anne McLean* □

SOCIETY ACTIVITIES

Spring training

by Gavin Ross,
Executive Director
of the Graduates' Society



Corporations Chairman of the McGill Advancement Program and owner of the Montreal Expos Charles Bronfman (second from left) enjoys the Florida sun with (left to right) Bill Fong, BCom'72, Steve Stinson, LLM'82, Sherry Stinson, and Angela Fong.



McGill has three staunch Expos supporters in (left to right) Treasurer of the McGill Society of Florida Ross Manella, BA'72, BCL'75, LLB'77, Hugh Hallward, BA'51, Chairman of the McGill Board of Governors and partner of the Montreal Expos, and Allyn Lean, BA'75, President of the McGill Society of Florida.

News from Martlet House In March we were delighted to welcome to the Graduates' Society, Gerry Ludwig as our new alumni relations officer. No stranger to Martlet House, Gerry has spent the best part of the last two years working as communications officer for the Development Office. Her knowledge of McGill graduates, combined with her gracious personality, make her a welcome addition to our staff. She will be working closely with Kathy Whitehurst and Susan Reid-Boyle.

Among the Branches My travels during this second semester have taken me to San Francisco, Chicago, Boston, West Palm Beach, New York, and Washington, D.C. In San Francisco, the Chinese banquet with Dean of Dentistry Kenneth Bentley, DDS'58, MD'62, drew more than seventy graduates, spouses, and friends from within a fifty mile radius of the city. Apart from the good company that one would expect at a McGill get-together, the twelve course Chinese feast was absolutely fantastic! The new president of the McGill Society of Northern California is John Baird, BCL'65, who succeeds Dr. Norman Morrison, Jr., MD'34. New additions to the branch executive include Elaine Andrews, BA'83, Ingrid Corber, BSc(PTh)'78, John Hugill, PhD'46, and Jim MacMahon, MD'68.

A graduates' luncheon was held in Boston in early February, the day after former Chancellor Conrad Harrington, BA'33, BCL'36, was presented with the Distinguished Friend of Education Award from the Council for the Advancement and Support of Education. Special guests included Mr. and Mrs. Harrington and Principal and Mrs. David Johnston. The luncheon was chaired by Branch president Michael Blau, BSc'64, DDS'69.

On 18 March, the McGill Society of Florida held a most enjoyable and well-attended event at Municipal Stadium in West Palm Beach. Prior to the Montreal Expos-Kansas City Royals game, graduates gathered in the "McGill Tent" and met some of the Expos players. Also in attendance were team owners Charles Bronfman, who is corporations chairman for the McGill Advancement Program, and Hugh Hallward, BA'51, who currently chairs the McGill Board of Governors.

Later that week, the McGill Society of New York held a reception at the Canadian Consulate at which Professor of Maritime Law Bill Tetley, BA'48, introduced the National Film Board's "Rhyme and Reason," a film about the life and times of Professor Emeritus Frank Scott, BCL'27, LLD'67. A couple of days later, McGill was the host university at the All Canada University Association of Washington, D.C.'s Eighth Annual Dinner. Dr. William Feindel, MD'45, director of the Montreal Neurological Institute, was the guest speaker. The success of the evening was due in great part to the tremendous effort of local President Rhoda Knaff, BA'52, MPS'54, and her executive. Graduates in Chicago, working in conjunction with the Canadian Club of Chicago, are currently planning their own All Canadian Universities Evening for Friday, 18 May.

Our two largest branches, Toronto and Ottawa, each held three successful events during the past few months. Principal Johnston was on hand for the annual meeting of the McGill Society of the Niagara Peninsula, at which Kerry Martin, BA'67, was re-elected president. Former Dean of Education George Flower, BA'40, MA'49, addressed a gathering of our Upper St. Lawrence Branch (Kingston, Ont.) and, as usual, it was well attended.

Here in Quebec, the McGill Society of Montreal continued to provide leadership for its many activities such as the Travel/Study Program, the Insurance Program, Learn-To-Swim Classes, Squash Clinics, the Financial Planning Seminar, and the Student Career Conference, to mention only a few. Congratulations to Ann Vroom, BA'67, and her executive. The Young Alumni led by Victoria Rorke, BA'70, DipMan'81, has held six interesting evening activities this semester. Also active locally have been the Alumnae Association headed by Linda Cobbett, BA'67, MLS'69; the Macdonald Branch under Peter Knox, BSc(Agr)'74; and the MBA Society whose president is Hosen Marjaee, BEng'78, MBA'81. This enthusiastic and active volunteer leadership continues to be a great source of strength to our Society and our university.

Alma Mater Fund With its goal of $1.75 million well in sight, Chairman Keith Ham, BA'54, BCL'59, reports that as of 31 March the fund was running about 15 percent ahead of last year at this same time. Corporate matching gifts have always been important to the Alma Mater Fund, and Keith tells us that during the past few months both the Bank of Montreal and Alcan have become matching gift companies.

Thanks also to phonathons organized by branches of the Graduates' Society in

Toronto, New York, Boston, Fredericton, Vancouver, Ottawa, Calgary, and Montreal (at both the McGill and Macdonald campuses), the 1983-84 goal is in sight. One hopes it will be reached by the fiscal year-end on 31 May. As always, however, *participation* is the name of the game, and it is important that every graduate, especially those from recent years, give something to indicate their interest in McGill (and to ensure that they continue to receive the *McGill News*!).

Finally, apologies from the Development Office to Lew Goldman, BSc'62, who organized last year's successful phonathon in Washington, D.C. His name was omitted from the list of regional phonathon organizers in the 1982-83 Report on Annual Giving.

Student Activities The Graduates' Society has always worked closely with McGill students to assist where possible in some of their more worthwhile activities. For example, during the second semester, the Graduates' Society or the McGill Society of Montreal (our Montreal "branch") has provided assistance to the Student Debating Union, the Medical Students' Blood Drive, *Hejira* (a new womens' literary journal), the McGill Photography Club, and many of McGill's sports teams. When our championship soccer team played in a tournament outside New York City last fall, the McGill Society of New York kindly provided a grant that enabled them to spend one extra night and do sight-seeing in "The Big Apple."

A most recent, worthwhile student activity that has been assisted by the Graduates' Society is the McGill Engineering Students' Summer Employment Program. Organized by Pierre MacKinnon, a second year engineering student, the project received the approval of the Engineering Undergraduate Society and of Dean G.W. Farnell, PhD'57. MacKinnon and other energetic students from his faculty have contacted nearly 700 McGill engineering graduates asking those that are employers to interview McGill engineering undergraduates for summer jobs.

The results of this effort are yet to be determined, but it has worked well at Queen's University. It is hoped that our engineering graduates will be sympathetic to our students' requests. The Graduates' Society was most pleased to provide assistance to these deserving students.

Travel Program Last summer it was felt that our Travel Program should be re-examined and, Rob Kerr, BSc'66, and his committee have been busy. The successful programs presently being run by Yale and Harvard were looked at and, as a result, arrangements have been made with McGill's Centre for Continuing Education to combine efforts and offer an exciting Travel/Study program to our graduates and other supporters. Such a program, in most cases, would involve six to eight lectures given at the university prior to a trip. The professor giving the lectures would then accompany the group to its destination. The first such trip offered to Vienna, Salzburg, and Munich, led by Professor of Music Robert Markow, sold out within two weeks of its announcement! It will leave in early May. The only other trip being planned for 1984 will be to China, Japan and Taiwan. This trip will be led by Dr. Stanley Frost and will leave Montreal on 18 October and San Francisco on 19 October. There are still several places on this trip and interested graduates should contact our travel agents, Mrs. Vivien Lieu or Mrs. Joyce Fok at (514) 735-1641.

The Travel Committee hopes to have an advance information brochure for the 1985 Travel/Study Program available in June or July of this year. To date, destinations include a trip to the Andes, Galapagos, and the Amazon; India and Sri Lanka; Central Africa and perhaps Poland. Rob Kerr and his committee would welcome advice from graduates regarding Travel/Study Program destinations. Drop Rob a note at Martlet House, 3605 Mountain Street, Montreal, Québec, H3G 2M1. □

WHERE THEY ARE AND WHAT THEY'RE DOING

'22

ARTHUR W. CARLYLE, BSc'22, MSc'23, has worked as a geologist and a consulting geologist in Africa, Japan, Europe and North America, and is presently living in Johannesburg, South Africa.

'29

JOHN HUMPHREY, BCom'25, BA'27, BCL'29, PhD'45, professor emeritus in McGill's Law Faculty, was the author of the original draft of the United Nations' Universal Declaration of Human Rights, and recently addressed the United Nations' General Assembly to commemorate the passage of the declaration thirty-five years ago.

ALAN A. MACNAUGHTON, BA'26, BCL'29, has been appointed to the International Advisory Board of the Banca Nazionale Del Lavoro, the largest bank in Italy and the twelfth largest in Europe.

'30

ROBERT M. HARDY, MSc'30, has been honored by the Alberta Research Council through its sponsorship of the "Robert M. Hardy 75th Anniversary Lectureship" at the University of Alberta's Faculty of Engineering.

MARTIN K. LEVINSON, BCom'30, has been elected a life member of the Ontario Institute of Chartered Accountants.

'31

R. HOWARD WEBSTER, BA'31, honorary chairman of "The Globe and Mail," Toronto, Ont., and former chairman of Quebecair and Windsor Hotel Ltd., has recently become an officer in the Order of Canada.

'32

ROBERT B. GREENBLATT, BA'28, MD'32, professor emeritus of endocrinology at the Medical College of Georgia, recently received the International Alpha Omega Dental Fraternity's 1983 Achievement Award.

'36

B. EDMOND THOMAS, MD'36, has been elected president of the Palm Beach Society of Obstetrics and Gynecology, Florida, for 1984.

'37

ROBERT P. FLEMING, BArch'37, is a partner in the firm of Fleming and Kaltsas, Architects.

'39

FRANCIS S. ERICSSON, MD'39, of Warren, Penn., recently built a scull, painted it McGill's colors, and is now rowing it on the Allegheny River in northwest Pennsylvania.

'40

Rev. CHARLES F. JOHNSTON, BA'40, MA'42, recently retired as professor of church history and ecumenics at St. Andrew's (United Church) College in Saskatoon, Sask., and in Sept. 1983 was awarded a Doctor of Divinity (honoris causa) by the Anglican College of Emmanuel and St. Chad in Saskatoon.

'41

RUSSELL MERIFIELD, BA'38, BCL'41, has recently been elected chairman of the executive board of the International Coffee Organization.

'44

M. ELIZABETH (WEATHERILL) SMITH, BA'44, has recently been elected to chair the governing council of the Ontario College of Art, Toronto.

'46

SAM MELAND, BEng'46, recently published *Electrical Project Management* with the New York publishing firm of McGraw-Hill.

'47

RONALD BAYNE, BA'45, MD'47, professor of medicine at McMaster University and chairman of the Gerontology Research Council of Ontario, has been elected vice-chairman of the clinical medicine section, Gerontological Society of North America, and has been elected president of the Canadian Association on Gerontology.

DONALD CRAIG, BScAgr'47, one of Canada's foremost authorities on berry crops, recently retired after 36 years with the Agriculture Canada Research Branch.

JOHN W. KORCZ, BEng'47, was recently elected president of Reynolds Aluminum Company of Canada Ltd.

HERBERT M. SHAYNE, BCom'47, is the president and chief executive officer of Werthan Industries Inc., Nashville, Tenn.

PETER A. TURCOT, BCom'47, has been appointed senior vice-president, Ontario region, of Guardian Trustco Inc., Toronto.

'48

SYLVIA OSTRY, BA'48, MA'50, PhD'54, LLD'72, has recently been named Canadian Pacific Visiting Scholar at the Centre for Industrial Relations at the University of Toronto, Ont.

'49

ARTHUR EARLE, BEng'49, senior vice-president of Dominion Textile, has recently been made president of the Chambre de Commerce de la Province de Québec.

DOUGLAS J. HERON, BSc'49, director of economic development for the city of London, Ont., was recently elected president of the Ontario Industrial Development Council, Inc.

PAUL MARSHALL, BCL'49, is the chief executive officer of Westmin Resources Ltd., a producer of oil and gas, coal, base, and precious metals.

FREDA (LEIBOV) PALTIEL, BSW'49, recently represented Canada at an OELD Expert Meeting in Paris, France, on Social Security, Fiscal Policy, and Social Welfare, and also served as a consultant to the Pan American Health Organization in Washington, D.C., on Women, Health and Development.

JOHN PITTS, BEng'49, is president of MacDonald, Dettwiler & Associates, Richmond, B.C.

ERIC ROBINSON, BA'49, MA'60, formerly director of Industrial Relations at Niagara College, Welland, Ont., has recently begun a two-year volunteer program with Horizons of Friendship in Honduras.

'50

VIRGINIA (WELSFORD) McCLURE, BA'50, is a vice-president of the Visual Arts Centre, Westmount, Que.

J. W. S. McOUAT, BA'50, has recently been appointed vice-president, law, of TransCanada PipeLines Ltd.

'51

JOSEPH A. MENDELSON, BCL'51, has been appointed judge of the provincial court of the province of Quebec.

E. W. NETTEN, BCom'51, is managing the national practice of Price Waterhouse.

Dr. MAX J. PALAYEW, BA'51, professor and chairman of diagnostic radiology at McGill, was recently elected president of the Canadian Association of Radiologists.

J. MONTAGUE SQUIRE, BEng'51, is Industrial Technology Advisor for the National Research Council of Canada, Montreal.

R. VANCE WARD, BSc'51, vice-president, chemicals division, C-I-L Inc., has been elected chairman of the board and re-elected a director of The Chlorine Institute Inc., New York, N.Y.

'52

JOHN F. FRISCH, BEng'52, has been appointed vice-president, Windsor Project, of Domtar Pulp & Paper Products.

E. LEO KOLBER, BA'49, BCL'52, has been elected president of the Corporation of the Sir Mortimer B. Davis Jewish General Hospital, Montreal.

ROBERT A. LEWIS, BCom'52, DipMBA'58, has been appointed vice-president, marketing and sales, of the Personal Insurance Company of Canada.

'53

HENRI COLAS, BCom'53, is the executive vice-president, finance and administration, of Teleglobe Canada, an international telecommunications company.

H. REGINALD HARDY, Jr., BSc'53, professor and chairman of the geomechanics section of the department of mineral engineering, Pennsylvania State University, was recently named the 1983 recipient of the C. A. Hogentogler Award, an award granted to the author of a paper of outstanding merit on the uses of soil and rock for engineering purposes.

WILBUR H. HUELS, BCom'53, has been appointed vice-president, finance, of Westclox Canada, Peterborough, Ont.

RADCLIFFE R. LATIMER, BSc'53, president and chief executive officer of TransCanada PipeLines, Toronto, Ont., has been appointed chairman of the Canadian Advisory Board of Prudential Assurance.

EDWARD O. PHILLIPS, BA'53, author of *Sunday's Child*, recently published *Where There's a Will*, with the Toronto, Ont. publishing firm of McClelland and Stewart.

MALCOLM A. TASCHEREAU, BEng'53, is the new chairman of the board of Aiguebelle Resources Inc., a gold producer in the Rouyn-Noranda area of northwest Quebec.

JOHN S. WALTON, BEng'53, is the executive vice-president of Westmin Resources Ltd., a producer of oil and gas, coal, base, and precious metals.

'54

EDWARD ANDREW CLARK, BEng'54, DipMan'71, is director of planning for Bell-Northern Research Ltd., Ottawa, Ont.

STANLEY M. DIAMOND, BCom'54, is the director of international marketing for Intalite Inc., a decorative ceiling company headquartered in Montreal.

GUY P. FRENCH, BA'54, has been appointed president and chief executive officer of Carborundum Abrasives Inc.

BRIAN MACDONALD, BA'54, resident choreographer of Les Grands Ballets Canadiens, won a 1983 Molson Prize, worth $50,000 from the Canada Council.

JEAN M. TAGUE, BLS'54, has been appointed dean of the School of Library and Information Science at the University of Western Ontario in London.

'55

ZAVE CLIMAN, BCom'55, has been appointed vice-president, finance, of Continental Pharma Cryosan Inc., Montreal.

PIERRE E. deBROUX, BEng'55, has been appointed vice-president, engineering, of Dominion Textile Inc.

IRWIN J. KOPIN, BSc'51, MDCM'55, has been appointed director of Intramural Research at the Neurology Institute, Bethesda, Md., and received the 1983 Anna Monika Foundation Award for studies investigating the biological bases of depression.

'56

DAVID S. NEWCOMBE, MD'56, has recently been appointed director of the division of experimental pathology and toxicology in the department of environmental health sciences at Johns Hopkins University, Baltimore, Md.

'57

DAVID H. RACE, BEng'57, has been appointed executive vice-president of CAE Industries Ltd., Toronto, Ont.

HARVEY M. ROMOFF, BA'57, has been appointed chairman and chief executive officer of The Canada Line, a cellular container shipping company that operates on the North Atlantic between Europe and Canada.

'58

A. J. GILLIES, BEng'58, BA'61, has been appointed regional manager, marketing, of CN Rail, Toronto, Ont.

ROBERT G. HUNTER, BEng'58, has been appointed president and chief executive officer of Otis Elevator Co. Ltd., a subsidiary of United Technologies Corp., Hartford, Conn.

FRANK KARMAN, BEng'58, DipMan'67, has been appointed manager, peroxide, of the Chemicals Group, Du Pont Canada, Inc.

DONN K. WILSON, MA'58, has been appointed senior vice-president, administration, of Molson Breweries of Canada Ltd., Montreal.

'59

E. J. BARAKETT, BCom'59, has been appointed president and general manager of Cashway Building Centres, a subsidiary of Canadian Corporate Management Co. Ltd.

ROBERT J. STOCKS, BCL'59, has been elected director and chairman of the board of IHEC Ltd., a distributor and duplicator of video software products.

'60

CHARLES B. ARNOLD, MD'60, of Scarsdale, N.Y., has been appointed a medical director of Metropolitan Life Insurance Co., New York, N.Y.

WAYNE RIDDELL, BMus'60, has been earning national recognition as one of the top choral directors in Canada.

'61

DOUGLAS C. CAMPBELL, BEng'61, has recently been appointed president of CN Communications, Toronto, Ont.

THOMAS A. FARRELL, MD'61, has recently joined the medical staff of Wills Eye Hospital, Philadelphia, Penn., as director of the hospital's General Opthalmology Service Clinic.

MARVIN KRASNOW, BEng'61, runs Bootlegger Inc., a Canadian footwear company.

'62

DAVID G. FRASER, BEng'62, has been appointed executive vice-president, corporate development, of Computer Innovations, Toronto, Ont.

IAN A. HENDERSON, BSc'62, has been appointed vice-president, financial institutions banking, of the Continental Bank of Canada.

J. E. McCRACKEN, BA'62, has been appointed general manager, mortgages, and president, Scotia Mortgage Corp., of the Bank of Nova Scotia.

ERIC C. RIORDON, BSc'62, has recently been appointed president of Foster Advertising Ltd., Montreal.

JOHN F. SEELY, BA'58, MD'62, PhD'73, has recently become chairman of the department of medicine at the University of Ottawa Medical Faculty and physician-in-chief at the Ottawa General Hospital, in Ontario.

STUART L. SMITH, BSc'58, MD'62, DipPsych'67, is the president of the Science Council of Canada, Ottawa, Ont.

'63

H. CLIFFORD HATCH Jr., BA'63, is president of Hiram Walker-Gooderham & Worts, the major distilling subsidiary of Hiram Walker Resources Ltd.

ANITA LANDS, BA'63, recently joined the Boughner Group, a New York, N.Y., real estate investment banking firm, as director of marketing.

'64

J. RICHARD BERTRAND, BSc'64, is vice-president and partner of Executive Consultants Ltd., Ottawa, Ont., and a member of the Executive Committee of the Board of Governors at the University of Ottawa.

DAVID A. RATTEE, BCom'64, has been appointed chief general manager of the Continental Bank of Canada.

'65

ROSANNE (BAATZ) CARSWELL, BA'65, MSW'69, MBA'80, is director of the downtown campus of Collège Marie-Victorin, Montreal, which offers courses in specialized education, social counselling, and French as a second language.

REIN MUTSO, BEng'65, DipMan'68, MEng'70, is a professor of metallurgy at the University of Texas, El Paso.

'66

J. D. TAYLOR, BEng'66, is the president of Canadian Astronautics Ltd., Ottawa, Ont., an advanced technology systems company involved in the space business.

'67

TIMOTHY AITKEN, BA'67, is a director of Aitken, Hume Ltd., London, England.

MICHAELI CANTERO-SANSREGRET, BA'67, has been appointed consultant in the Montreal office of Public and Industrial Relations Ltd.

DANIEL Z. GOODWILL, BA'67, has been appointed vice-president, sales, of Overland Express, a divison of TNT Canada, Mississauga, Ont.

JAY, F. MacCAULAY, BEng'67, has been appointed vice-president and general manager, Rempel-Trail Transportation Ltd., and Johnston Heavy Haul, divisions of Johnston Terminals and Storage Ltd.

ERIC RODIER, BCom'67, MBA'73, has recently become a partner of Richter & Associés, Montreal.

'68

MERLIN W. DONALD, PhD'68, professor of psychology at Queen's University, Kingston, Ont., is now chairman, life sciences division, of their School of Graduate Studies and Research.

'69

GORDON ROY KELLY, BSc'69, recently received an MSc from the University of Saskatchewan, Saskatoon.

S. MURRAY MILLER, BSc'67, DDS'69, recently obtained a Certificate of Advanced Graduate Study in Orthodontics from Boston University, Mass., and is now practising orthodontics in the greater Boston area.

JEANNE (CHUBBUCK) NORRIS, BA'69, has been promoted to manager, marketing research, of the R. T. French Co., Rochester, N.Y.

PIERRE POULIN, DipMan'69, has been appointed vice-president, manufacturing, of Pepsico Bottling International (Canada).

'70

WILLIAM CLEMAN, BCom'70, has been appointed vice-president and divisional coordinator of Ivanhoe Inc., Steinberg Inc.'s real estate management and development subsidiary.

J. J. FRIDMAN, BCom'66, BCL'70, is the general counsel of Bell Canada Enterprises Inc., Montreal.

Dr. MARTINE ANNE JAWORSKI, BA'70, associate professor at the University of Alberta, Edmonton, has been elected a Fellow of the American Academy of Pediatrics and has been awarded a scholarship by the Alberta Heritage Foundation for medical research.

JAMES A. NEATE, BEng'70, has been appointed general manager, films department, of Hoechst Canada Inc., a chemical and pharmaceutical company.

ALFRED SZETO, BScArch'70, recently had a project designed by his office win an honorable mention in the 1983 Scarborough Urban Design Awards.

GEORGE WEBER, BEd'70, has recently become secretary general of the Canadian Red Cross Society, Toronto, Ont., the largest voluntary organization in Canada.

'71

RICHARD Y. BOURHIS, BSc'71, who is teaching in the department of psychology, McMaster University, Hamilton, Ont., recently edited *Conflict and Language Planning in Quebec*, published by Multilingual Matters Ltd.

JOHN R. BRITT, BEng'71, MEng'73, is the vice-president, marketing (international), of Luscar Ltd., a major producer of Western Canadian coals.

JEAN-LOUIS HAMEL, BCL'71, has been appointed group vice-president, Real Estate and Mortgage Services, as well as president and chief executive officer of General Trust Inc., a subsidiary of General Trust of Canada, Montreal.

JAMES A. TILLEY, BSc'71, vice-president and product manager in the Fixed Income Analytical Research Group at Morgan Stanley & Co., New York, N.Y., has been elected to the Society of Actuaries' Board of Governors for a three-year term.

ANTHONY DEAN WILSON, BSc'71, recently received an honors certificate in science from the University of Saskatchewan, Saskatoon.

'72

VIJAY S. BABLAD, DDS'72, has recently started a dental practice in Saudi Arabia, after having practised for ten years in Pointe Claire, Que.

PETER F. CHODOS, BCom'72, has joined the firm of Loewen Ondaatje, McCutcheon & Company Ltd., Toronto, Ont.

G-PAUL DONNINI. BSc'72, PhD'77, is technical manager, pulp and paper, of C-I-L Industrial Chemicals, Montreal.

LAWRENCE J. MONONEN, MA'72, PhD'76, a senior research analyst at Wang Laboratories Inc., Lowell, Mass., has recently been admitted to the Executive MBA program at the Wharton School, University of Pennsylvania, in Philadelphia.

'73

KATIE MALLOCH, BA'73, has a new jazz show on CBC-Stereo, Saturday evenings.

MICHAEL A. PAVEY, MBA'73, has been appointed director of strategic planning of the Maritime Electric Co. Ltd.

ROBERT M. REID, BEng'73, is plant manager, Industrial Mineral Products Division, 3M Canada, Havelock, Ont.

'74

ARTHUR HOWARD KRULEWITZ, BSc'74, MD'78, is completing a pulmonary fellowship at Tufts, New England Medical Center, Boston, Mass.

RICHARD LAFONTAINE, BCL'74, LLB'75, is vice-president, public affairs, of Fenco Engineering Inc., Toronto, Ont.

PHILIP MAGDER, MSW'74, recently opened his own social work practice specializing in career counselling, with services available to individuals and on corporate referral, in Montreal.

JAMES R. YEATES, MSc'74, has been appointed president and chief operating officer of Computer Innovations, a Canadian owned microcomputer company.

'75

WILLIAM JAMES BOOTH, BA'75, MA'78, recently received a PhD in political science from Harvard University and is currently employed in the Department of External Affairs, Ottawa, Ont.

LYON J. GREENBLATT, BA'70, BCL'75, LLB'78, formerly a Broward County Assistant State Attorney, has recently become an associate in the law firm of Glenn R. Roderman, P.A., in Fort Lauderdale, Fla.

MALCOLM P. HAMILTON, MSc'75, has been appointed a principal of William M. Mercer Ltd., a Canadian consulting firm.

JEAN PELLETIER, BSc'75, recently transferred back to Calgary, Alta., from Abidjan, Ivory Coast, where he had worked for the oil company, Phillips, for the past three years.

'76

VICTOR de BREYNE, BA'76, MBA'83, has recently been appointed head of acquisitions, York University Libraries, Toronto, Ont.

ALAN BEREZNY, BA'76, MA'81, is director of fund raising for the Alliance Research and Education Institute in Montreal.

SHELDON F. CHAD, BA'76, won the 1983 ACTRA Award for best writer, television drama, for his script "Seeing Double," used in the CBC series *Seeing Things*, and is currently working on a feature screenplay for Universal Studios, Los Angeles, Cal.

NEIL M. POCH, BSW'76, has been appointed project director of Goldfarb Consultants, Toronto, Ont.

'77

LISSA (COHEN) BAUM, BCom'77, has recently been appointed vice-president, finance, of the Chemical Bank, New York, N.Y.

LOUIS GALARDO, BCom'77, has been appointed director, business development of Ivanhoe Inc., Steinberg Inc.'s real estate management and development subsidiary.

DEBRA O. HANSEN, BSc'77, has been appointed assistant investment officer in Travelers Investment Management Co., a subsidiary of The Travelers Corp., of Hartford, Conn.

SIMON HERMAN, BEng'70, DipMan'73, MBA'77, has been appointed officer of Norr/SH&G Ltd., Engineers Planners.

S. F. REDA, BCom'77, has been appointed manager, Montreal pension division, of Confederation Life.

BARBARA J. ROBERTSON, MD'77, has joined the department of anaesthesia at the University of British Columbia Health Sciences Centre Hospital in Vancouver, B.C., as a consultant anaesthetist and clinical instructor.

DAVID SNIDER, BSc'77, LLB'81, was recently called to the Bar of Ontario and is now working with Revenue Canada in Ottawa, Ont.

MICHAEL STANTE, BCom'77, has been appointed manager, government grants, of Siblin, Zittrer & Associates, a management consulting firm.

CYNTHIA KATHLEEN TAYLOR, BA'77, was recently named vice-president of Synergistics Consulting Ltd., a communications and social marketing firm, in Ottawa, Ont.

'78

PIERRE PAYETTE, MBA'78, has recently been appointed a principal in the firm of Rourke, Bourbonnais & Associates, an executive recruiting and relocation counselling company.

Sister LEYLA RAPHAEL, PhD'78, is seeking funds to help the homeless and the battle-scarred in her own country, Lebanon, through the Montreal organization, Carefour des Cedres, which she founded several years ago.

JUDY (IZENBERG) SNIDER, BA'78, is the coordinator of the National Breast Screening Study Centres at the Civic and General Hospitals in Ottawa, Ont.

NORBERT SPORNS, LLB'78, BCL'79, has been appointed a partner in the firm of Pelletier, Poirier, Kimmel & Filion, Notaries, Montreal.

RICHARD C. TOBEY, MD'78, is a medical missionary physician in Cameroon, Africa.

BRENDA LEE WALSH, BSc'78, is working as a physiotherapist with CUSO in Zimbabwe.

IAN WETHERLY, DipPubAcct'78, has been appointed comptroller of the Mercantile Bank of Canada.

'79

CHRISTOS D. KALTSAS, MArch'79, is a member of the Ordre des Architectes du Québec and is a partner in the firm of Fleming & Kaltsas, Architects.

JOHN McELHONE, BSc'79, is presently doing a master's degree at Queen's University, Kingston, Ont.

CHRISTINE SAZIE, BEd'79, is teaching grade one French immersion in Calgary, Alta.

PAUL F. J. SENECAL, BCom'79, is product manager at the Campbell Soup Co. in charge of the Chunky Soup brand, and is a director of the Canadian Badminton Association.

MARLA SHAPIRO, MD'79, is a lecturer in the department of family and community medicine, University of Toronto, Ont., and has a clinical practice at the Toronto Western Hospital.

'80

EDUARDO DIAS, BCL'80, has been appointed a partner in the firm of Pelletier, Poirier, Kimmel & Filion, Notaries, Montreal.

CLIFFORD LION, BSc'80, is in his second year of medicine at the University of Toronto, Ont.

MAMDOUH MOHAMED YONES, MEng'80, is working for General Metals Co., in Cairo, Egypt.

'81

KATHI R. ANDERSON, BA'81, and her husband are stationed at the Guangxi Medical College in Nanning, Guangxi, People's Republic of China, where they are teaching English to professors and doctors.

ROBERT J. CRAIG, MLS'81, is working at Food for Thought Books, Ottawa, Ont.

JOANNE KUSSNER, BCom'81, has been appointed a director of Biltwell Packaging Ltd., Montreal.

'82

GUY DAGENAIS, BSc'82, is teaching bar and hotel management and geography full time at Collège Lasalle, Montreal.

'83

JOSHUA GRUNBERG, BSW'83, has recently been appointed director of the Maimonides Hospital Geriatric Centre in Cote St. Luc, Que.

WENDY MOORE, BA'83, is working at the IBM lab in Toronto, Ont.

BRAHM RESNICK, BA'83, is currently enrolled in the graduate program at the Medill School of Journalism, Northwestern University, Evanston, Ill. □

DEATHS

'09

WALTER O. BRIEGEL, BSc'09, at Montreal, on 2 Dec. 1983.

'11

MARGARET (DIXON) WILSON, BA'11, on 28 Jan. 1984.

'15

ZOE BALDWIN SMITH, BA'15, at Toronto, Ont., on 1 Dec. 1983.

'16

PHILIP S. FISHER, BA'16, LLD'64, at Montreal, on 17 Dec. 1983.

'17

ALPHONSE TRUDEAU, BSc'17, at Ste. Anne de Bellevue, Que., on 2 Feb. 1984.

'18

GREEBA (WILLIAMSON) FINDLAY, DipPE'18, at Montreal, on 9 Jan. 1984.

H. BURROUGHS PELLETIER, BSc'18, at Quebec City, Que., on 20 Jan. 1984.

'20

JAMES ARTHUR LATHAM, BA'20, on 15 Dec. 1983.

'21

JANE (SPIER) HALE, BA'21, MSc'22, PhD'35, at St. Lambert, Que., on 11 Dec. 1983.

'22

GEORGE DUNCAN McTAGGART, BSc'22, at Montreal, on 10 Dec. 1983.

ALICE VICTORIA SMITH, BA'22, on 20 Jan. 1984.

'23

FRANCIS GLENN ADNEY, BSc (Arts)'23, at Ramsey, N.J., in Dec. 1983.

Rev. NORMAN EGERTON, BA'23, at Westerly, R.I., on 20 Oct. 1983.

WENDELL H. LAIDLEY, BSc'23, BCL'28, at Montreal, on 30 Nov. 1983.

FLORENCE M. (BANFILL) WILSON, BA'23, at St. Lambert, Que., on 11 Dec. 1983.

'24

DAVID LEON CAHANA, BCL'24, at Montreal, on 5 Dec. 1983.

'25

WILLIAM JAMES McNALLY, MSc'25, DSc'34, at Montreal, on 24 Nov. 1983

MURIEL (McNAUGHTON) SMILEY, BA'25, at Sherbrooke, Que., on 15 Dec. 1983.

'26

Dr. W. BROOKS HAMILTON, BSA(Mac)'26, MSc'28, at Lexington, Ky. on 3 Oct. 1983.

The Ven. I. M. LIDSTONE, BA'26, at Florida, on 24 Dec. 1983.

ERIC BLAIR LUSBY, BSc'26, at Victoria, B.C., on 7 Dec. 1983.

'28

JOHN A. SHOTTON, MD'28, on 1 Dec. 1983.

DESMOND WALSH, Arts'28, at Hudson, Que., on 6 Jan. 1984.

'29

VERA (WEINFIELD) BERGER, BMus'29, at New York, N.Y., on 7 Feb. 1984.

JOHN S. L. BROWNE, BA'25, BSc'29, MD'29, PhD'32, at Montreal, on 21 Jan. 1984.

MALCOLM MacGREGOR ROSS, BA'25, MD'29, at Vancouver, B.C., on 1 Feb. 1984.

'30

ROBERT JAPP, MA'30, at Montreal, on 7 Jan. 1984.

'32

WILLIAM STURGES PARKER, MD'32, at Rosemont, Penn., on 11 Jan. 1984.

EDWIN PINKERTON, BA'28, MD'32, at Vancouver, B.C., on 15 Jan. 1984.

'33

RUSSELL L. KUTZ, PhD'33, on 14 Nov. 1983.

'34

JOHN ARTHUR TWEED BUTLER, BEng'34, at Brantford, Ont., on 12 Jan. 1984.

CHARLES ELLSWORTH, MD'34, on 16 Nov. 1983.

KENNETH R. GRAY, PhD'34, on 25 July 1983.

JAMES RICHARD JOHNSON, BEng'34, at Kingston, Ont., on 18 Oct. 1983.

WILLIAM JAMES McQUILLAN, BCL'34, at Montreal, on 25 Jan. 1984.

JAMES FORTIN MINNES, MD'34, on 24 Dec. 1983.

'36

E. BURTIS AYCOCK, MD'36, on 28 Aug. 1983.

W. GROSVENOR CLOUGH, BEng'36, on 2 May 1983.

'38

DORA MACKENZIE (MITCHELL) CRAIG, BA'38, at Toronto, Ont., on 7 Dec. 1983.

MARJORIE E. (HICKS) DOYLE, BHS'38, at Olds, Alta., on 27 Nov. 1983.

MILDRED ALICE RODDEN, BLS'38, at Kingston, Ont., on 24 Jan. 1984.

Rev. IVOR D. WILLIAMS, BA'38, MA'42, at Toronto, Ont., on 14 Dec. 1983.

'40
A. KEITH BUCKLAND, BCom'40, at Dorval, Que., on 11 Feb. 1984.
WILLIAM ALEXANDER REED, MD'40, at Scarborough, Ont., on 1 Jan. 1984.

'41
VIRGINIA E. MURRAY, BLS'41, at Montreal, on 27 Dec. 1983.

'47
MARCEL TIPHANE, MSc'47, on 31 May 1983.

'48
WILLIAM A. CAMPBELL, BCL'48, in March 1983.
ROY MITCHELL LIDDY, BSc'48, at Toronto, Ont., on 27 Nov. 1983.
DONALD FRASER McOUAT, MA'48, in Nova Scotia, on 1 Jan. 1984.

'49
BERNICE DONALDSON, DipNurs'49. MSc'69, on 17 Jan. 1983.
THEODORE HARDING PORTER, BCom'49, at Montreal, on 30 Jan. 1984.

'50
CONSTANCE ELOISE (GARNEAU) DRUMMOND, BA'50, at Montreal, on 13 Jan. 1984.
WINONAH AGNES LINDSAY, BN'50, on 13 Jan. 1984.

'51
RUTH M. DUNCAN, BSc'51, at Montreal, on 14 Sept. 1983.
VIKTORS LINIS, MSc'51, PhD'53, on 2 July 1983.

'53
FRANCIS J. ROBINSON, MD'53, on 30 Oct. 1983.

'59
CHRISTINE (WASILEWSKA) GEOFFRION, BCL'59, at Montreal, on 19 Jan. 1984.
DOROTHY RUSSELL, DSc'59, on 19 Oct. 1983.

'60
DAVID HENRY BUSH, BEng'60, at Montreal, on 26 Jan. 1984.

'62
JOHN NORMAN ATKINSON, BSc'62, at Toronto, Ont., on 7 Jan. 1984.

'63
ROMAN J. OSTASHEWSKY, BLS'63, on 26 Feb. 1984.
ANN DALE (WELDON) RICHARDSON, BA'63, at Surrey, England, on 20 Dec. 1983.

'64
BARRIE J. ROBINSON, BLS'64, in June 1983.

'69
G. RUTH CLELAND, BN'69, on 5 Feb. 1984.
H. NOEL FIELDHOUSE, DLitt'69, at Kingston, Ont., on 25 Nov. 1983.

'77
PETER JOHN SHEARMAN, BSc'77, at Toronto, Ont., on 8 Jan. 1984.

'78
HAMIDOU S. BARAYA-MIL, MSc'78, PhD'80, in Gongola State, Nigeria, on 25 June 1983.

'80
RONALD DOUGLAS NAYMARK, BSc'80, on 4 Feb. 1984. □

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Sincerely,

A. Keith Ham

A. Keith Ham,
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LH 3
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McGill News

Summer 1984



1884-1984
The McGill Women's Centennial:

A Celebration!

Women's Centennial

In celebration of the Women's Centennial at McGill, a variety of souvenir items is available for sale.

These articles are pictured below.

China mug
gold leaf rim, made in England

York coffee spoon
chrome enamel, Centennial crest, Wm. A. Rogers Oneida hotel plate

Lapel pin
gilt enamel, crest, with clutch-back, 1/2"

Bloc-Notes
3-3/4" x 3-3/4" x 1-7/8"

Centennial button

Decal
3-5/8", self-adhesive

"Sportsman" T-shirt
White with red Women's Centennial emblem.
50% Fortrel/50% cotton.
Machine wash/dry.
Sizes S,M,L,XL

"Sportsman" sweatshirt
White with red Women's Centennial emblem.
50% polyester/50% cotton.
Machine wash/dry.
Sizes S,M,L,XL

A Fair Shake
Autobiographical Essays by McGill Women. Margaret Gillett and Kay Sibbald, editors. Montreal, Eden Press.

Women's Centennial Medal
Struck by the Royal Canadian Mint. One troy ounce, .999 silver, 36mm. diameter, 3.5mm. edge thickness



Souvenir items are available from the **McGill University Bookstore**, or the Women's Centennial Committee (3450 McTavish Street, Room 10) and will be on sale at major Centennial events. To order by mail, please fill out the order form below.

ORDER FORM

McGill University Bookstore
1001 Sherbrooke Street West
Montreal, PQ,
Canada H3A 1G5

Please send the following items:

	(quantity)		(total)
1.	_____	Mug @ $5.00	_____
2	_____	Coffee spoon @ $6.50	_____
3	_____	Lapel pin @ $3.00	_____
4	_____	Bloc-Notes @ $5.50	_____
5	_____	Centennial button @ $0.69	_____
6	_____	Decal @ $0.46	_____
7	_____	T-shirt @ $7.50 - S☐ M☐ L☐ XL☐	_____
8	_____	Sweatshirt @ $14.00 - S☐ M☐ L☐ XL☐	_____
9	_____	A Fair Shake @ $16.95	_____
10	_____	Centennial Medal @ $45.00 ($50.00after Jan. 1, 1985)	_____
		Total order $	_____

Quebec residents add 9% provincial sales tax on items 1-6 and Item 10. Allow three weeks for delivery of Items 1-9; minimum eight weeks for Item 10.

Postage and handling charges: $3.00 for Centennial Medal orders; $2.00 for all other orders over $5.00.

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McGill News

Volume 64, Number 4
Summer 1984

ISSN 0709 9223

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The official publication of the Graduates' Society, the *News* is sent without charge to all recent graduates and to all other graduates and friends who make annual contributions to McGill University.

The copyright of all contents of this magazine is registered. Please address all editorial communications and items for the "Where they are and what they're doing" column to:

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Please contact Advertising Director Peter O'Brien at 392-4806 for information about advertising in the *News*.

Cover: As part of the pre-Centennial planning, Le Château Stores of Canada Ltd. lent the McCord Museum these two models wearing their new fall line. This photo session will result in a poster announcing a costume exhibit at the McCord entitled *A Centennial of Costume: 1884-1984*. The models joke around with a mannequin whose dress is similar to those worn by McGill's first Donaldas.
Cover Photo: Vivian Kellner

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McGill alumnae through the decades
by Goldie Morgentaler

The first of a four-part series on distinguished women graduates discusses three pioneering women who studied at McGill in the late 19th century. **8**



Celebrating 100 years of women at McGill: Struggle, determination, and success
by Charlotte Hussey

Members of the McGill Women's Centennial Committee talk about the plans for this year's celebrations. There's something for everyone. **12**



Women in the professional faculties: Then and now
by Peter O'Brien

Women in the professional faculties have sometimes had difficulties in what used to be considered the "male" professions. They are now proving that determination and talent are more important than gender. **14**

Law Undergraduates



Post-feminism and the campus
by Charlotte Hussey, Debbie Mercier, Debra Martens, and Goldie Morgentaler

Although the ranks of a feminist vanguard on campus have dwindled, specific gains have been made over the past 10 years toward a more liberated university community. **16**



A Fair Shake
by Effie Astbury and Rose Mamelak Johnstone

Two excerpts from the forthcoming book *A Fair Shake*, a collection of autobiographical essays by McGill women, show that many have had a "fair" if not a "brilliant" chance to succeed with their chosen career. **19**



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LETTERS

Dear *McGill News*,

I was disappointed to see Eugene Forsey take you to task *publically* in the Spring issue, page 2. Were he exposed to political life, he should know this is something that is done *privatally*.

Everett Clausen, BSc'63

Dear *McGill News*,

I'm writing to comment on the Martlet "You're only as old as you feel," that appeared in the Spring issue, page 5. I am a senior citizen and visited Victoria, Vancouver and Seattle for three weeks in February. The "main reason" why the elderly in Victoria are more fit than the elderly in Montreal is the climate. Because of the mild climate, many senior citizens retire to Victoria, and many others spend January, February and March in apartment hotels there. Last February, when I began to walk frequently, unencumbered by heavy boots, coat, etc., I quickly felt more fit. I suppose Dr. Blaine Hoshizaki and Steve McCaw are too young to realize that in Montreal, as in Ottawa, both walking and driving become burdensome and worrying for the elderly: in winter because of snow, ice and sleet, and in summer because of heat, humidity and blazing sun. To make a fair comparison with seniors in Victoria, one should select Montrealers from among the many who keep fit by spending the winter months in cottage country.

For the young, Victoria has an unemployment rate next to that of Newfoundland, but for the retired it has great attractions. I certainly hope to return next winter for a longer stay, if I don't go to the south of England, France or Portugal. I would go for the climate and friends, not for "Silver Thread" activities.

The researchers may not have heard that the Silver Threads Centre was severely vandalized late in the winter by a gang of youngsters. Can it be that resentful young people are going to make the elderly in Victoria suffer for their fitness, their organization and their activity?

Hilda Gifford, BA'37, BLS'38

Dear *McGill News*,

I notice in the Spring issue of the *McGill News* on page 24 that I was given credit for being chairman of an International Coffee Committee. That is my son, Russ Jr., BCL'70, who is stationed in London, England, with the Canadian government, Department of Trade, Commerce and Industry. If activities of an old timer are of interest, I can report that since my retirement as a vice president of Victoria and Grey Trust Company in 1981, I have continued as a consultant, become registered as an investment council, and have been appointed secretary-treasurer of the Canadian Club of Toronto. I recently delivered a speech at the International Congress of the Institute of Chartered Secretaries and Administrators in Kruger Park, South Africa, and became chairman of the executive committee of the Canadian Bible Association. Last year I retired as national treasurer of the Presbyterian Church in Canada after holding this office for eleven years.

I believe that Principal David Johnston will be addressing the Canadian Club of Toronto this fall. I hope we can get a good turnout of McGill grads and friends to support the meeting. It will be a good opportunity to promote the current financial campaign.

Best regards to Old McGill which gave me so many happy days.

Russell R. Merifield, BA'38, BCL'41

Dear *McGill News*,

Just a note to let you know how much we both enjoy the *McGill News*. Perhaps the main reason for our first contribution to the Alma Mater Fund was so we would receive the *News*.

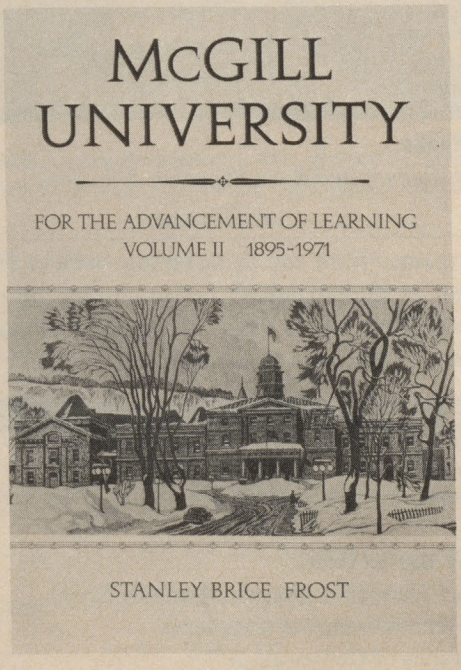
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Jean Simpson Drury, BSc'63
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Stanley Brice Frost

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NEWSBREAK

Honors, backbenchers, and a birthday

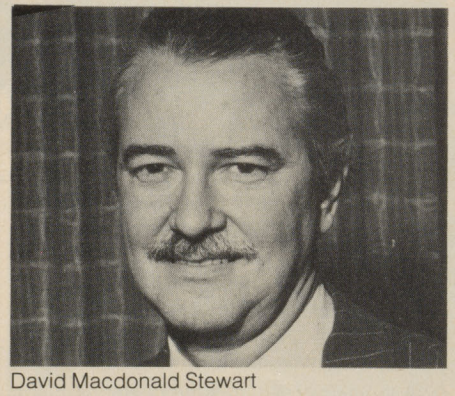


Hugh MacLennan

Hugh MacLennan, who taught in McGill's department of English from 1951 to 1979 and is now professor emeritus, recently received the $100,000 Royal Bank award. MacLennan is perhaps best known for his novel **Two Solitudes,** for which he received a Governor General's Award in 1945. The Royal Bank award acknowledges those who have made a significant contribution to Canada, and previous winners have included McGill honorary degree recipients Wilder Penfield and Northrop Frye. The committee chose MacLennan because "it is through the arts a society discovers its collective spirit" and noted that the author's importance lies in his "interpretation of Canadians to each other."

Of the ten Parliamentary Internships awarded this year, three went to McGill students, all of whom graduated with a BA in political science in June 1984. Going to Ottawa in September are **Mario Iacobacci, Dennis Marinakis,** and **Ariel Delouya.** The Parliamentary Internship program enables ten Canadian university graduates between the ages of twenty-one and thirty-five to work for ten months in the nation's capital with members of the House of Commons. While the salary is small, the program does provide interns with an opportunity to participate in decision-making at the national level. Five months are spent with a member of the government and the rest with an opposition backbencher.

Six Canadians with close McGill connections recently received the Order of Canada, the country's highest distinction. Appointed officers of the order were **Alfred Powis,** BCom'51, who is chairman of the board and president of Noranda Mines Ltd., **Graham W. Dennis,** BA'49, chief executive officer and president of the Halifax Herald Ltd., **Dr. Victor Goldbloom,** BSc'44, MD'45, DipPediatrics'50, a former Liberal provincial cabinet minister and a member of McGill's pediatrics department, and **Louis Dudek,** BA'39, a well-known Canadian poet and critic. **Robert V. Nicholls,** BSc'33, MSc'35, a McGill chemistry professor for thirty-seven years and one of Canada's most prominent railroad historians, was named a member of the order. **David Macdonald Stewart,** who died 27 April 1984, was elevated within the order from member to officer. Stewart, the director of the Macdonald Tobacco Company, was an important McGill benefactor and had a particular interest in Macdonald College. In the early seventies he fought hard to safeguard the Ste. Anne de Bellevue estate as the home of the Faculty of Agriculture and contributed significantly to the rebuilding of the Macdonald campus. In 1973 Stewart sold the tobacco company in order to establish the Macdonald Stewart Foundation. The foundation was subsequently responsible for many philanthropic projects in the Montreal area. As Dr. Stanley Brice Frost states: "McGill University in all its faculties, and particularly in Macdonald College, recognizes with gratitude its immense debt to the Macdonald Stewart tradition."



David Macdonald Stewart

Dr. Stanley Brice Frost is heading up a committee that will report to Senate in October regarding the controversial DeVoe-Holbein case. McGill microbiologists, Dr. Irving DeVoe and Dr. Bruce Holbein had developed a series of compounds that, among other things, are designed to remove virtually all hazardous radioactive metals from water and other waste materials found in nuclear power plants. The two, nevertheless, found themselves in "hot water" when there appeared to be a conflict of interest between their private business dealings and their relationship to the university. **Principal David Johnston** selected lawyer **Alex Paterson,** BCL'56, to investigate the case, and the Frost Committee is currently studying the Paterson Report to determine how technology can be transferred from the laboratory to the university.

In 1932 the young **Wilder Penfield** approached the Rockefeller Foundation with a dream – he wanted to build a centre where clinician and researcher would work side by side to unravel the mysteries of the brain and the nervous system. He managed to talk the Foundation out of $1,232,652, and in 1934 the Montreal Neurological Institute (MNI) opened its doors for the first time. Today, with 135 beds and 26 research units, the Institute is at the forefront of neurological research. The MNI had Canada's first CAT and PET scanners, and performs more operations for epilepsy than any other centre in the world. In September the MNI will celebrate its 50th birthday, and many of its graduates and friends will be returning for the celebration. The MNI will also soon have a new director. **Dr. Donald Baxter,** MSc'53, chairman of McGill's department of neurology and neurosurgery and neurologist-in-chief of the MNI, succeeds **Dr. William Feindel,** MD'45, on 1 October. Baxter joined McGill as associate professor of neurology in 1963. □



Dr. Donald Baxter

WHAT THE MARTLET HEARS

McGill's loss, Canada's gain: National Librarian Marianne Scott



Photo: John Geeza

Canada's National Librarian Marianne Scott: "My Ottawa appointment is a real challenge; it has helped overcome my concern for leaving McGill."

McGill's former Director of Libraries Marianne Scott, BA'49, BLS'52, is modest when she says of her recent appointment as Canada's National Librarian: "I suppose it is one of the major positions in the field."

After completing two McGill degrees, Scott began her climb to the top of the world of Canadian libraries in 1952 as a Bank of Montreal assistant librarian. In 1955 she returned to McGill as its Law librarian. "From the time I went to work off-campus, I was eager to return and work at the university. There's a whole support infrastructure – the familiar, comfortable things – that you're not conscious of until it's been stripped away."

Serving as McGill's director of libraries for the past nine years, Scott does acknowledge that "perhaps there is a limit to what you can do in one institution. My Ottawa appointment is a real challenge; it has helped overcome my concern for leaving McGill."

Aside from being the first female National Librarian, Scott represents the first professional librarian to be chosen for the post. Replacing Dr. Guy Sylvestre, Scott, who will be the third National Librarian, says: "The Library community expressed their interest that a professional librarian be appointed. In broad terms, it's not much different than it was at McGill because I'm responsible for the effective management of a major library resource. It's the clientele that's different – the primary clients are other libraries. The library's role is to collect, preserve, and make known and available Canada's literary heritage."

Continuing to differentiate between her posts in Montreal and Ottawa, Scott adds: "One was always conscious of McGill's role in the country and its relationship with other Canadian libraries, but its prime function has to be serving its local clientele. National and international relationships will be more important than local duties at the National Library. But it's a large, complex organization, and until I become fully acquainted with it, I really won't have any sense of what my first concerns will be."

Scott will manage a $30 million annual budget and a staff of some 500 people. She will travel abroad as Canada's representative to the International Federation of Library Associations and other groups, and administrate a collection of five million books and documents. "I've moved from one situation of limited budgets to a similar situation on a larger scale. The cost of library materials has soared due to inflation and the proliferation of written materials. Some computer technology seemed to be made for libraries – sorting technology is a natural for them – so library jobs have become more complicated," Scott explains.

She points out that in her field there is a higher proportion of women than in most others: "Whenever you have a field of activity with a high number of women there should be a number of administrators among them. At the same time, I believe you should be trying to get the best person for the job.

"Men were being appointed to senior positions, not because they were necessarily better qualified, but because they were men. This trend is changing. There are more women leading research libraries now. It's really fair game," she says proudly.

Scott, who describes herself as a bit of a "workaholic," puts in a fifty-hour work week, sacrificing much of her private life for her job: "Choices have to be made, and you do get a little one-sided. I don't think I have as varied a life as some people have."

Still, Scott is fascinated by her profession because "today we're entering a new era." Those such as herself or Dr. Hans Moller, the current acting director of McGill's libraries, will have to deal with the fact that "the card catalogue is disappearing and that use of microfilm is increasing along with the proliferation of information data bases. It's even difficult to keep up with changes required for the profession."

If the librarian of the future will have more to deal with, the library user will also have to adapt perhaps to a time when the book itself will become obsolete. "I'm not a good enough clairvoyant to make such a prediction," Scott confesses. "It will depend on how quickly the younger group coming up will adapt to reading material on a screen as opposed to picking up a book."

Keen to become more familiar with computers, Scott agrees that they greatly facilitate the acquisition and organization of materials: "You're always going to need information. The only difference is how that information is going to be obtained," she adds. "And technology does free us to do more and different things."

Scott is confident that with "increased leisure time and the present desire for information, the public library's importance to the community will grow." And after twenty-eight years of serving in McGill's library system, she should know. *Steven Yudin*□

Frost's remembrance of things past

McGill's history in the twentieth century has been one of both continuity and fundamental change, according to Stanley Brice Frost's *McGill University: For the Advancement of Learning, Volume II, 1895-1971* (McGill-Queen's University Press, 1984). Some traditions, such as recurrent financial problems, the university would prefer to do without. Others, such as its magnificent accomplishments in the physical sciences and its contributions to the social and cultural evolution of Canada, McGill justly clings to with pride.

The traditions, desirable and undesirable, have survived in an institution that in other respects has altered profoundly since 1895. In that year McGill was a small college, dependent on lavish benefactions for survival and growth. Its undergraduates – mainly British in origin and Protestant by denomination – followed a curriculum still dominated by the classics. By 1971, McGill had evolved into a large, polyglot, publicly-funded university, teaching a range of disciplines appropriate to the demands of a modern society. A surviving vestige of its nineteenth-century classical heritage disappeared in 1967 when, to the relief of thousands of grumbling undergraduates, an elementary knowledge of Latin was dropped as a degree requirement.

Frost – a longtime teacher and administrator at McGill before he commenced writing its history in 1974 – chronicles McGill's development without any cloying nostalgia for a past that cannot return. Institutional history is not to everyone's taste, but Frost's skill in relating the university's story to national, even global, currents gives his account a general appeal.

At the turn of the century, Frost explains, McGill was quintessentially an institution of the British Empire. Almost routinely its governors looked first to Britain when appointing the university principal. The British classicist Sir William Peterson, principal from 1895 to 1919, revealingly described his sojourn at McGill as service "on the outskirts of Empire." It was presumably to alleviate the tedium of his appointment that he habitually spent his summer vacations in Britain.

Perhaps the most striking demonstration of McGill's loyalty to Empire was the remarkable contribution, military and medical, by its students, faculty, and graduates to the allied campaign in World War I. A poignant epilogue to these heroic endeavors was the appointment of General Sir Arthur Currie, the commander of the Canadian corps, as McGill's post-war principal. Vilified by detractors for allegedly squandering Canadian lives in pursuit of personal glory, Currie found some solace in McGill's wholehearted approval of his wartime conduct.

The university's unquestioning devotion to the verities of Empire did not survive the interwar period, however, as Frost cogently describes. Though advocates of Empire (who included Stephen Leacock) argued that the imperial connection was one of equality, dissident voices were gaining ground. As students, Frank Scott, BCL'27, LLD'67, A. J. M. Smith, BSc(Arts)'25, MA'26, DLitt'58, and others sought "to cast off, consciously and publicly, the status of literary colonialism." Later, as a Law professor, Scott extended his critique of imperialism from literature to politics. Together with Professor Edward Adair in the history department and Dean of Law Percy Corbett BA'13, MA'15, DCL'61, he advocated Canadian neutralism in the event of a renewed European conflict.

Such heresies did not go unnoticed by the university administration. McGill's chancellor in the interwar years was Edward Beatty, the redoubtable president of the CPR. It was said of him that "he never married a woman because he had early married a railroad." But much of his passion he later transferred into his determined effort to protect McGill from anything that smacked of socialism. He found an ally in Lewis Douglas, principal in 1938-39. While never directly attacking free speech on campus, the two initiated a program to remove faculty who embraced "collectivist philosophy" and replace them with so-called "more competent" social scientists. One such appointee was F. Cyril James, who was brought to McGill to reorganize the School of Commerce, but who shortly afterwards was appointed principal on Douglas's departure.

The next twenty-two years of McGill's history were dominated by James's benign and autocratic leadership. Backed by an acquiescent board of governors, he skilfully guided McGill through World War II and the era of postwar expansion. Frost suggestively argues that his one-man rule was an academic analogue of the political circumstances of Duplessis's Quebec. And just as in the 1960s the province would have its Quiet Revolution, so too McGill was obliged to become less autocratic and more democratic in its administrative structure. James, of course, was scarcely the person to initiate such a change. This task was left to his successors, notably the "surgeon principal," H. Rocke Robertson.

Internal reform did nothing, however, to stem the tide of student rebellion that swept over McGill in the late 1960s. By no means trivializing this movement, Frost accords much space to it. Up to this point, students constitute a somewhat shadowy presence in the book. Though periodically riotous and often idealistic, their chief extramural occupation seems to have been college rags, pranks, and athletics.

The book ends on a high note. The squall of student rebellion had passed in time for the university's sesquicentennial in 1971. Academically, politically, even financially, the future seemed bright. Current economic difficulties have dimmed high hopes a little – but there is enough historical evidence in Frost's splendid volume to suggest that such problems in their turn will be overcome. *John Sainsbury*□



McGill students horsed around in a 1898 veterinarians' class.

CONVOCATION '84

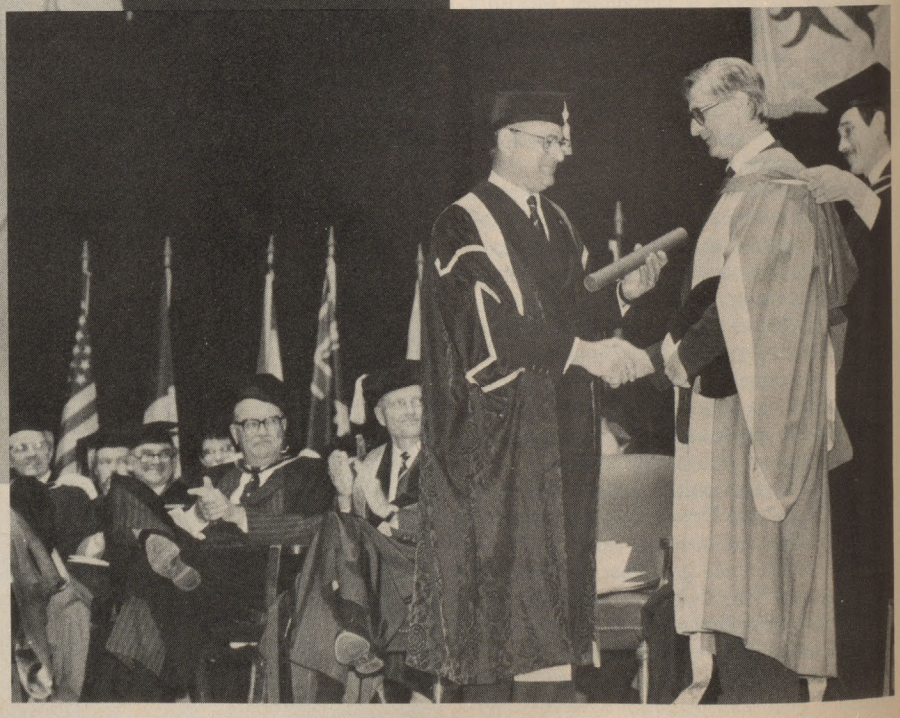


Jocelyne Goguen BSc(Nurs)'84, and over 300 other graduates prepare for their Health Sciences Convocation at Place des Arts. Presiding over the festivities were Principal David Johnston and Chancellor Jean de Grandpré, inducted at the event. He alluded to his own graduation when he stated: "To become chancellor of this great university is an honor which I find is most gratifying and humbling. Such a possibility was far from my mind when I graduated from here forty-one years ago."



Sabrine El-Chibini BSc(PTH)'84 in her valedictory address reminded her fellow graduates: "As we leave the fortress of McGill . . . we forsake the security that is inherent to being a student and we assume responsibility for society's most precious possession, its very health." She also encouraged her colleagues to help humanize the system so that "the health care machine will sound less like the roaring of an engine and more like the beating of a heart."





Chancellor Jean de Grandpré presented an honorary DSc degree to Professor Sir Gordon Robson, director of anesthetics at the Royal Postgraduate Medical School, London. Robson was Wellcome Professor in Anesthetics at McGill from 1956 to 1964 and has served on professional and public boards in the U.K.

Photo essay by John Geeza

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McGill alumnae through the decades

by Goldie Morgentaler

What follows is a four-part series of profiles of McGill alumnae. It begins with Rosalie McDonald McLea, one of the original Donaldas. She serves as a bridge between those before her who found the doors to a university education closed to them, and women such as Octavia Grace Ritchie and Maude Elizabeth Seymour Abbott, who went on to their graduations, confident of their own academic abilities and successes.

'80s

Rosalie McDonald McLea-Prowse

Rosalie McLea figured prominently in the effort to get women admitted to McGill.

She was born on 20 September 1867, and received her secondary education at the Montreal High School for Girls, where she was made head girl. She was an excellent student and won many academic prizes. These gave her the confidence to compete on an equal footing with her male counterparts in the university entrance examinations.

In order to get the same number of aggregate marks as the boys, McLea was forced to study three years of Greek in one, since the subject was not part of the girls' curriculum. This was in addition to her other courses, in which she was also preparing for exams. When the results were announced, McLea had come first in Latin and Greek, and her overall score was the highest ever attained in the history of those exams.

The other high school girls had also done well, but the doors of the university remained closed to them. They decided to petition McGill directly for admission, and McLea, then sixteen years old, was chosen as their spokeswoman. In answer to their petition, Principal Dawson declared himself to be impressed with the quality of the young women seeking admission, but pleaded lack of funds as the reason he could not accede to their request. He counseled patience.

The young women did not have long to wait. In the late summer of 1884, Donald A. Smith, the future Lord Strathcona, offered Principal Dawson a bequest of $50,000 for the establishment of collegiate classes for women. In October of that year, twenty-eight women were admitted to the university, seven as full-time undergraduates. The latter were dubbed "Donaldas" in honor of their benefactor.



Rosalie McDonald McLea-Prowse

McLea spent the first two years of her university life as a full-time Donalda. She also became the first president of the Delta Sigma Society, a Donalda literary and debating club. At the end of her third year, however, she withdrew from full-time study and resigned the presidency of the Society. She never again participated in the debates.

For a year after that she continued as a partial student, then as an occasional, but was never awarded her BA degree. This was because after 1887, the year of her withdrawal from full-time study, she never again wrote any exams. When the first class of Donaldas graduated in 1888, McLea read her own prize-winning essay in their honor at a meeting of the Delta Sigma Society and, in this way, shared in their triumph.

The reason for her sudden withdrawal is not known, although a family tradition has it that she withdrew in order that a younger brother might take her place at McGill.

Although no longer a student, McLea continued to be interested in women's education and played an important role as a fund-raiser in the unsuccessful effort to get women admitted to the McGill Medical School. She is reported to have raised $12,000 for that cause. She also did volunteer work for the Montreal General and Royal Victoria Hospitals and tutored classics at the Montreal High School for Girls.

In 1903, aged thirty-five, McLea married Kenneth Prowse, a fish exporter, and moved with him to St. John's, Newfoundland. There she gave birth to and raised three children. She seems never again to have returned to Montreal. In 1935, aged sixty-seven, she committed suicide by hanging herself.

Shortly after her death, her memory was honored by the presentation of her portrait to the Delta Sigma Society. Both of her daughters not only attended McGill but, unlike their mother, graduated as well.

Research by Ted Balant

'80s

Octavia Grace Ritchie-England

Octavia Ritchie was the first Donalda to become a doctor and the first woman to earn a medical degree in the province of Quebec.

She had been a member of the small group at the Montreal High School for Girls, that had successfully petitioned McGill for admission to the Faculty of Arts. She graduated with the first class of Donaldas in 1888 and was chosen their valedictorian.

Since 1888 marked the first year that "bachelors" degrees were to be conferred on women, the university decided to have two valedictory addresses, one for each sex. The addresses were first submitted to Principal Dawson for approval. He censored part of the Ritchie speech and further decreed that she could not deliver it from the same rostrum that the men were to use.

Ritchie disregarded both prohibitions. She walked straight up to the forbidden rostrum and from there addressed the assembly, which included the Governor-General and his wife. Furthermore, she delivered her speech as it had originally been written, with the excised sections intact. These sections contained a plea that women be admitted to the McGill Medical School.

The doors to the Medical Faculty remained closed, however, and Ritchie was forced to pursue her medical studies at Queen's University in Ontario. Her exile came to an end when Bishop's University decided to admit women. Ritchie returned to Montreal to complete her final year of training at Bishop's and graduated in 1891.

She left for post-graduate training in Europe and, on her return, was appointed demonstrator of anatomy at Bishop's and assistant gynecologist at Western Hospital. In 1897, she married Dr. Frank Richardson England, a surgeon, and continued to work in private practice. Her daughter, Esther England-Cushing, graduated from McGill and became an instructor in English at the university.

After her marriage, Ritchie-England became active in various social causes. From 1911 to 1917, she was president of the Montreal Local Council of Women, during which time the Council established the Women's Directory and the Montreal Suffrage Associ-

ation. In 1911, the Council invited the controversial British suffragist, Mrs. Emmeline Pankhurst, to Montreal.

Under Ritchie-England's leadership, the Council played an active role in the war effort, sending furs to Italian troops serving in the Alps and collecting funds for the Imperial Red Cross and other relief organizations. As a token of appreciation for her service, Ritchie-England was presented in 1918 with life-membership in the National Council of



Octavia Grace Ritchie-England

Women and the Canadian Red Cross Society. She was also active in both the National and International Councils of Women and was often sent as a Canadian delegate to international conferences on women.

Throughout her life, she championed women's rights. In 1916, she was one of a three-woman delegation to journey to Quebec City on behalf of Annie Langstaff, BCL'14, the first female graduate of the McGill Law School, who had been denied admission to the Bar of Quebec on account of her sex. Despite Ritchie-England's eloquent plea for equality, the bill that sought to eliminate sex as a criterion for admission to the Bar was defeated.

Ritchie-England presented herself as a Liberal candidate for the Mount Royal Division in the federal election of 1930. Although knowing she had little chance of being elected, she felt it served the cause of women to have one of their own sex run for political office.

Ritchie-England remained active and occupied with various social concerns until the age of eighty. A few weeks after her eightieth birthday, she caught a cold and died of pneumonia on 1 February 1948.

'90s

Maude Elizabeth Seymour Abbott

Maude Abbott was born on 18 March 1869. She entered McGill on a scholarship and graduated with the third class of Donaldas in 1890, capping her undergraduate career by winning the Lord Stanley Gold Medal.

This proof of academic excellence did nothing, however, to assist her in gaining admission to McGill's Medical School. The doors of the Medical Faculty remained firmly closed to women, despite Abbott's letters of entreaty and the fund-raising efforts of her supporters. Abbott was forced to enroll at Bishop's University instead, which had opened its program to women in 1890.

Octavia Ritchie, who had returned to Bishop's for her final year of training, advised Abbott to apply without delay for the required admission ticket for the wards of the Montreal General Hospital, where Bishop's students did their clinical training. Abbott took her advice, obtaining a receipt for her $20, but no ticket. In the interim, the hospital had been receiving other requests from women wishing to attend its summer clinics. The prospect of having large numbers of female medical students walking the wards frightened the hospital's board of governors, who refused to issue any more women tickets. That included Maude Abbott.

The refusal sparked a storm of protest in the newspapers, and some of the hospital's subscribers threatened to withhold their contributions. The board of governors relented and quietly mailed Abbott her ticket, but refused to admit the other women.

Abbott graduated from Bishop's with honors in 1894, winning the senior anatomy prize and the Chancellor's Prize for best examination results. She then left for post-graduate training in Europe. On her return, she was invited to work at the Royal Victoria Hospital. There she became interested in pathology and produced a statistical report on "Functional Heart Murmurs." This paper was read for her by a male colleague at the Medico-Chirurgical Society, which did not admit women. On the strength of this paper, Abbott became the Society's first female member. Numerous papers and articles followed, and she soon came to be recognized as an authority on congenital heart disease.

She was appointed curator of McGill's Medical Museum in 1901 and undertook the enormous task of bringing order to a collection that had never before been properly catalogued. She also helped found the International Association of Medical Museums and served as its secretary from 1907 to 1938. In 1910, she was appointed lecturer in pathology. This made her the only female faculty member in a department that refused to admit women as students until 1918.

Abbott was a woman of tremendous vitality. Her bibliography numbers some 140 titles. Of these, she was especially proud of a chapter on congenital heart disease, which she contributed to Sir William Osler's *A System of Medicine*. Not all of her publications were scientific, however. She also wrote a biography of Florence Nightingale, as well as histories of McGill University, the McGill Faculty of Medicine, and of medicine in Quebec.

She was made an assistant professor of medical research in 1925. Except for a brief period when she was on loan to the Women's Medical College of Pennsylvania, she never



Maude Elizabeth Seymour Abbott

left McGill, which she dearly loved. Nevertheless, she is reported to have been bitter that she was not promoted to associate professor and not better paid. The latter was a serious concern, since she was the sole support of an elder sister who was a chronic invalid. She was made the first female member of the Faculty Club, but the honor was not bestowed until a few months prior to her retirement.

In 1910, McGill honored her with the degree of MDCM (honoris causa) and in 1936, on her retirement, it conferred another honorary degree, an LLD. This made her the only person in the university's history to be twice honored in this way.

Maude Abbott died in 1940. She is the only Canadian to appear in a mural of cardiologists painted by Diego Rivera for the Institute of Cardiology in Mexico City.□



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Celebrating 100 years of women at McGill: Struggle, determination, and success

by Charlotte Hussey

Much has been accomplished since that Monday in early October 1884 when McGill's first women students were permitted to attend their classes cloistered in the Redpath Museum, separate from the rest. A woman first received a PhD in 1910 (Annie L. Macleod, Chemistry) and a professorship in 1912 (Carrie Derick, Botany). The Students' Society admitted women members in 1932 and the Faculty Club followed suit in 1936. A woman (Elizabeth Rowlinson) was first named associate dean of students in 1970 and a minor in Women's Studies was approved by the Faculty of Arts in 1979.

For over a year now, the McGill Women's Centennial Committee (MWC) has been working on plans to commemorate these and numerous other accomplishments of McGill women students, administrators, professors, and graduates. As Chairperson of the MWC Committee, Arlene Gaunt, BSc'53, who is director of the Office of Industrial Research, Research Contracts, says: ''We have tried to plan something for everybody. It will be a celebration of past and present women's achievements and of their aspirations for the twenty-first century.''

And Gaunt is proud of the flexibility and commitment that characterizes the 100 volunteers who have collaborated with her, many of whom have rushed to 5:30 meetings after a full day's work, foregoing a good night's sleep and even an evening meal. Chairperson of the MWC Finance Committee, Ruth Brian, DipPE'39, who is the vice-president of an engineering firm as well as a grandmother and a fashion model, explains: ''Busy people have the time that others don't have.'' And MWC Publicity Chairperson, Betsy Hirst, BA'70, who works as McGill, director of public relations, admits: ''You never find your limit. You live through it somehow.''

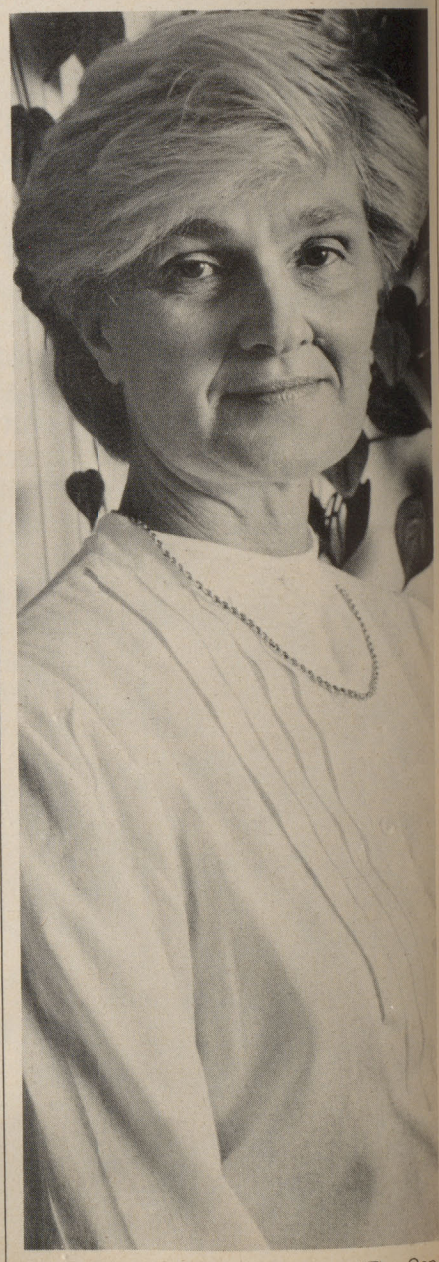
What these women have been planning is a full slate of events to run from September 1984 through May 1985. On the agenda are intellectual, cultural, and athletic activities ranging from concerts to seminars to the launching of *A Fair Shake,* a book of autobiographical essays written by McGill women and edited by Professors Margaret Gillett and Kay Sibbald, PhD'76.

A special lecture series on ''Women and World Design,'' organized by the MWC Conference and Seminar Committee under the direction of Professor of Sociology Cerise Morris, MSW'71, will begin on 12 October 1984 with an address on ''The Status of Women from an International Perspective'' by Dr. Helvi Sipila. Lawyer and Finnish delegate to the United Nations, Sipila has served as assistant secretary-general for social and humanitarian affairs and general secretary of their International Women's Year in 1975. On the following day, panelists Laura Sabia, Marie-Josée Drouin, Simone Chartrand, and Margaret Fulton will discuss ''Women in Canada: Past, Present, and Future.'' That evening, a dinner address on ''Linkages between the status of women in the West and the unmet needs of Third World women'' will be given by Margaret Snyder. In March 1985, two panel discussions on ''World Design and Canadian Social Policy'' and ''Women and Success'' will round out this series. And on 9 March, there will be speakers, tributes, and a reception ''In Celebration of Women at McGill.''

The MWC Cultural Committee has also been working long hours. Costume Curator of the McCord Museum and a traveling lecturer, Jackie Beaudoin-Ross, MA'75, says one of the reasons she has been able to head up this effort is because of the support she has received from an ''understanding husband'' who is a ''gourmet cook.'' She and her Cultural Committee colleagues will launch a September exhibit at the McCord Museum entitled, ''100 Years of Montreal Costume,'' and another at the Redpath Museum of archival photos and memorabilia of early women undergraduates. An exhibit of McGill women artists will be mounted at Royal Victoria College in the fall, accompanied by lectures and discussions. And the Notman Gallery of the McCord Museum will feature a photo exhibition – ''Women at McGill, the Early Years.''

A concert series of jazz and classical music will emphasize works composed and/or performed by women. A St. Valentine's Day Big Band Dance with demonstrations of ''old time'' dance steps will take place in the Students' Union Ballroom. Numerous athletic events have been planned as well.

Dr. Gladys Bean, BA'40, DipPE'41, recently retired as assistant director of athletics, is chairing the MWC Athletics Committee. When she isn't camping or judging synchronized swim competitions, she meets with her group of avid volunteers who have organized a McGill women's run for 22 September as well as women's invitational basketball, volleyball, and hockey tournaments scheduled throughout the year. For the hale and hearty, an international woodswomen tournament will be held at Macdonald College on 25 January 1985. Also a Weston Pool exhibition of old team photos, demonstrations of old time games, rowing competi-



MWC Chairperson Arlene Gaunt: "The Centennial is not a revolution. It's a celebration."



Photos: Vivian Kellner

To mark the achievements of women such as Maude Abbott (whose photograph appears in the background) these women are some of the many who are making the Women's Centennial possible: (left to right) President of Alumnae Society Linda Cobbett; MWC Steering Committee Secretary Kyra Emo-Davis; MWC Publicity Chairperson Betsy Hirst; MWC Cultural Committee Chairperson Jackie Beaudoin-Ross; MWC Chairperson Arlene Gaunt; MWC Athletics Committee Chairperson Dr. Gladys Bean; MWC Souvenir Committee Chairperson Josie Katz; and MWC Finance Committee Chairperson Ruth Brian.

tions, and a water show are in the works.

Gaunt does admit that the number of meetings needed to arrange all of the above has been a bit overwhelming. "We planned and talked for so long, we were getting stale," she says. "But now we've gained momentum and are starting to generate a response."

She sees the whole effort as a kind of "consciousness raising" that has brought many people together at McGill. "I'm not sure it will stay at the high level it has reached at present," she adds. "But it will not go back to where it was."

The women on her MWC Steering Committee agree completely. They admit they are more conscious of what it means to be a woman than before they began working together. They also have found out that women organize things a bit differently than do men. "Women are more careful about details and feelings. Men, on the other hand," explains Hirst, "have established ground rules. They more willingly accept a hierarchy and expect a leader to be bossy."

"Men tend to delegate work more than women do. Men don't do the nitty-gritty," says Secretary of the MWC Steering Committee Kyra Emo-Davis, BSc'53, who has a full-time job as the coordinator of information for the Faculty of Arts as well as three daughters, three grandchildren, and a nightly commute to her home in the Eastern Townships. And MWC Souvenir Chairperson, Josie Katz, BCom'55, who works "days, weekends, and evenings" as the assistant town clerk of the Town of Mount Royal, as well as caring for "three hungry boys and a husband who helps a lot," feels that "getting the job done is more important for a woman than experiencing a sense of power. But we do tend," she adds, "to downplay ourselves."

Gaunt agrees that women "don't take the credit and in our absence others will." She sees women as less competitive than men. During the past year, "there has been no intercommittee sparring over budgets," she explains.

Brian adds that administering the overall budget for the MWC has been an enjoyable task. Could this be because she has worked primarily with women? What she does know for sure is that "the university itself has given us much support."

"We are committed," continues Brian, speaking for all her MWC colleagues, "to make this year a successful year, a cultural year that will bring lots of publicity to McGill." Gaunt would also add a bit of encouragement to those more reticent members of the opposite sex: "The Centennial is not a revolution. It's a celebration. We invite both men and women to join in this celebration."□

Women in the professional faculties: Then and now

by Peter O'Brien

In 1914 Annie Macdonald Langstaff received her BCL, the first professional degree awarded to a McGill woman. Although women had been attending McGill since 1884, it took another thirty years before they were allowed access, and then sometimes only grudgingly, to the professional disciplines. In her book *We Walked Very Warily: A History of Women at McGill,* Margaret Gillett notes that women "encountered the greatest difficulties in the Faculties representing traditional 'male' professions. Time and again, the myths associated with masculinity and femininity were invoked to show how inappropriate and impossible it would be for women to become physicians, surgeons, lawyers, dentists, or engineers."

There are many reasons why the education of women at McGill proceeded slowly. Stanley Brice Frost, in Volume I of *McGill University: For the Advancement of Learning,* states that the university remained "unresponsive" for two major reasons: the conservatism of French Roman Catholic Canada and the lack of funds for new ventures. Gillett adds to these the "general prejudice against women in prestigious or power positions." McGill of course was not alone in its unwillingness to accept and then to grant women students free access to all its faculties. Frost states that the "movement for the higher education of women that developed in the Western world in the latter half of the nineteenth century was representative of a profound and far-reaching revolution."

When women were finally admitted to the professional faculties, the move was indicative of many cultural currents. Individual women such as Grace Ritchie, a member of the first graduating class of 1888, and Maude Abbott, BA'90, MDCM(honoris causa)'10, LLD'36, had gradually made their arguments heard – first by the women who wished to pursue their own studies unhindered by prejudice, then by the local newspapers of the day (which for the most part, supported the concerns of women students), and finally by university administrators. Together with the efforts of these women, there were a number of imperatives outside the university per se that necessitated the active participation of women. In a speech shortly after her graduation, Langstaff, in words that seem as representative of 1984 as 1914, stated that "The plain fact . . . is that women have to earn their living outside the home, if they are to have homes at all." And World Wars I and II made it essential that women take a more active role. In her memoirs, Jessie Boyd Scriver, BA'15, MDCM'22, DSc'79, notes that in Great Britain "women graduates in medicine were filling the gaps in medical jobs both at home and abroad . . . . In Canada, the desire to contribute to the war effort was widespread; large numbers of trained nurses, V.A.D.'s and others went overseas and many were actively engaged in war work here in Canada."

According to Gillett, Medicine was one of the first professional faculties to which women aspired. She recounts the story of Dr. James Miranda Stuart Barry, who disguised herself as a man long enough to graduate from the University of Edinburgh, Scotland, in 1812 and subsequently to be appointed in 1857 the Inspector-General of Hospitals for Upper and Lower Canada. Abbott was not allowed to study Medicine at McGill, although she was granted an honorary MDCM. It was not until 1922 that McGill graduated its first female medical students, Scriver among them.

Currently a medical student at McGill, Judy Nielsen does not see signs of prejudice against women, partly because "of the women who came before us." She states that the women she knows in Medicine "have no more problems than the men. . . . Some women look for discrimination wherever they turn, but I think that has more to do with individual personalities than anything else." She also notes that for the contemporary female student, intelligence and ability are much more important than gender, and that the women studying Medicine today have all of the opportunities and difficulties that men have.

Compared to Medicine, Law has been one of the easier faculties for women to enter. In recent years women have made up about one third of the graduating classes, and Law student Lori Weitzman believes that prejudice is a "non-issue" in the Faculty. Another recent Law graduate, Joanie Vance, BCL'84, is not so optimistic. She points out that there are few female Law professors, and therefore few role models for women students. Another graduate, Phyllis MacRae, LLB'84, is even

Law Undergraduates



A rose among the thorns? This law class from the *Old McGill* '18 placed its one woman student front and center for a graduation picture.

less enthusiastic. When describing the Faculty of Law, she uses words such as "prehistoric" and "monolithic." She also thinks that high schools don't prepare women well enough for disciplines like Law, and that men are taught to be more comfortable with competition than women.

All three students agreed that the changes in the Faculty over the years have been harder on men than on women. As women gain more of a say, it seems that men feel more and more threatened. Some men resent women who do better on exams, or women who end up winning major academic prizes. There are also more subtle forms of prejudice, such as women not being invited out to faculty dinners as often as men, or the fact that there has not yet been a female president of the Law Students' Society.

Although there are problems within the Faculty of Law, most of the problems in the profession are encountered once the students graduate. Many of the Faculty's first graduates, including Langstaff and Florence Seymour Bell, BCL'20, were not eligible for the Quebec Bar simply because they were women. MacRae noted that Law is still "not a flexible profession" and Vance stated that women "have a harder time getting ahead." The big law firms are more resistant to change, and if there are to be any changes in the profession, they will have to come from the smaller, more progressive companies. Weitzman, who worked with a large law firm in Montreal this summer, stated that law firms should be more tolerant in their hiring of half-time employees and women with children. On this point she said that it is easier for women to take time off, while men are not expected to take time off to help bring up children.

One of the professional faculties that has remained almost exclusively male is Dentistry. Since 1926, when Florence Johnston, BA'24, DDS'26, graduated as the first woman to receive a DDS from McGill, there have never been large numbers of women studying Dentistry. The reasons why this is so are still not clear. Gillett notes a 1978 survey by Norma Blomme, BEd'79, who attempted to explore why there was such a low female participation in Dentistry: "Questionnaires were distributed to 200 students and faculty members; 61 replies were received. The results, which made no claim to be conclusive, showed that female respondents cited 'tradition' as by far the most important deterrent, with 'sex discrimination' as a secondary factor; the male respondents also ranked 'tradition' as the most important influence followed, in descending order, by 'lack of interest,' 'poor recruitment,' 'sex discrimination,' and 'inferior abilities.'" One female dental student noted that there is a "latent degree of discrimination in most disciplines at McGill, and Dentistry has been a little slower than most to overcome that."

Once again, the problem does not exist only at McGill. There is in fact a greater percentage of female Dentistry students at McGill than many other universities. In the United States, the number of female dentists rose from four to seven percent during the period 1970-80. This is a daunting figure for most female dental students and is further entrenched by the fact that approximately ninety-five percent of U.S. nurses are women. In the workplace, many traditional stereotypes still have a tenacious hold.

Engineering is often thought of as a traditional male profession, and women interested in becoming engineers or architects have had to put up with what must appear at times to be excessively conservative thinking. It was not until 1939 that the first women were admitted to architecture, and it was not until 1978 that the first two women graduated in mining engineering, Camille Ann Dow and Justyna Kuryllowicz. A recent graduate, Navine Nassif, BEng'79, MEng'81, BA'84, PhD'84, is representative of the strong-willed woman in a male-dominated faculty. She states that "a lot of guys would be better off in Arts and are afraid to admit it, and vice versa for women."

Although she thinks that things have gotten better for women in Engineering, there is still much more that needs to be done. The problem starts, she says, in high school: "Female high school students don't know what engineers do." She mentions that engineering firms should be more flexible and that women with children should be given the opportunity of working half-time. Although she considers herself "old-fashioned," she thinks that both men and women should help bring up children: "Why must it be only the woman who stays home?"

Nassif is not a complainer. Although there has been some discouragement from some of the older members of her family, she has remained determined and resilient. She also mentioned that her father has two perspectives on women in the workplace: one for the rest of women, and one for his daughter. Although he may not be as liberal when it comes to other women, she notes that he has been encouraging and supportive throughout her education.

She does not think that she would have fought to be the first woman in Engineering or Medicine. Like most of the women in the professional faculties at McGill today, she is happy that the initial difficulties in women's education have been overcome and is confident that things can only get better. She now wants to pursue her interests with the knowledge that intelligence and determination are much more important for jobs than sexual stereotyping. She is able to make a statement now that women one hundred or even fifty years ago would not have been able to: "I wanted to be an engineer and I went out and did it. . . . If I worried too much about the problems, I'd never get anywhere. I just do what I like doing. That's the most important thing."□



More women and more smiles: this scene is taken from the *Old McGill* '80 and is representative of the present male-female ratio for law students.

Post-feminism and the campus

As is evidenced by the first of the following articles, students today balk at being labeled ''feminists.'' Most, nevertheless, would agree that the ''feminist'' vanguard that caucused in the new left organizations in the late sixties ushered in a necessary period of change. Thanks to the efforts of these ''libbers,'' the university has become more sensitized to the need for sexual equality. The remaining articles serve to show some of the specific gains that have been made over the last ten years at McGill. The incorporation of the McGill Community Family Centre in 1972 and the establishment of the Senate Committee on Women in 1977 and the Women's Studies Program in 1979 have provided new options, as well as service organizations that are still striving to achieve a truly ''liberated'' university community.

"I'm not a feminist, but...."

Many women students today balk at being called a ''feminist.'' Others react with ambivalence, accepting the label apologetically or with certain qualifications. Maisie Cheung, BA'83, who is currently enrolled in the MBA program, says: ''I'd be reluctant to brand myself as a 'feminist.' I just believe in freedom of choice for women.''

The word ''feminist'' says Kathy Ricketts, BSc(PTH)'84, ''raises the hairs on my neck.'' Associating it with the bra-burning libbers of the sixties, she believes it did, nevertheless, issue in a period of necessary change. Baila Lazarus, BArch'84, also finds the term passé: ''I associate it with the women's liberation movement of some twenty years ago. It's outdated.''

Part of the reason that the word ''feminist'' is no longer in vogue is that students at McGill today, on average, are not highly politicized. ''The 'feminist' movement has different factions today,'' explains Cheung. ''I'm not interested in them per se.'' And Amy Schatz, BA'84, the founding editor of *Hejira,* a campus literary magazine for women, explains: ''I wouldn't call myself a 'feminist' although I support 'feminist' ideology. A 'feminist' is something political, and the movement on campus is all words and no grounding. From a distance, it seems like a lot of jargon.''

A small cadre of politically sensitized women who congregate at the Women's Union are involved in refining this jargon into a more precise definition of the word ''feminism.'' Undergraduate Laura Crawford, who helped the Union organize a lunch-box guest speaker series on women's health, the Take Back the Night March, as well as screenings of the anti-pornographic film, *Not a Love Story,* makes a distinction between a ''feminist'' and an ''ideal feminist.'' ''I'm against people who say they're an 'ideal feminist.' Certain people at the Union feel you must be women-identified to be a real 'feminist.' I don't agree with this. For some it's a woman-identified existence, while others want a man.''

Also an active member in the Women's Union, education student Yvonne Price differentiates between feminism prevalent in the late sixties and that seen today: ''I'm a 'feminist,' but not a 'capital F feminist,''' she says, going on to explain that twenty years ago ''feminists'' had broad, political aims. Today it's more complicated. ''Before, women talked in terms of revolution. Now this seems almost hopeless. We went through an angry stage, a critical period of finding things wrong. Now we're just living our politics, finding new ways of expression through art, erotica, and clothing.''

Others completely reject the term ''feminist'' because it has been tainted by this ''angry stage'' – a phase that may be necessary to any real self-awakening. Bio-chemistry student Anne Loewen says: ''Many of my friends would hesitate to classify themselves as 'feminists,' especially if men are in the group. You tend to get branded as anti-male, not pro-woman.'' She feels that what women need today is ''not a fighting stance, but an inner determination to succeed.''

Although Schatz says *Hejira* accepts only submissions from women writers and artists, she explains: ''It's a women's thing, not a 'feminist' thing. It's not a political, but an aesthetic endeavor.'' Nor does she label herself or her editorial board as anti-male. ''I have trouble with excluding men,'' she explains. ''I don't see *Hejira* as a turned shoulder, but more as a celebration of women.''

Phyllis MacRae, LLB'84, also had trouble getting the *word* out of her mouth. ''I'm a 'feminist,' although it's hard to say this. Still, every intelligent woman should be a 'feminist.''' A member of the National Association of Women and the Law, MacRae sees ''feminist'' groups today as comprised of primarily middle class professional women. She also says these groups generally ''think collectively, as opposed to the trend today towards individualism.''

If this is so, then *Hejira's* decision-making structure could be considered ''feminist'' in that, according to Schatz, her editorial board ''tends to do things by consensus.'' She goes on to describe this as a laboriously rewarding process entailing hours of debate centering on whether art or politics should be emphasized in *Hejira.* Her successor, Deanne Young, says: ''It is so exciting to get involved with a nine-woman editorial board that often debates quite contrasting positions.'' For Young, ''It is a productive disagreement, an emotional experience. A few sparks fly, as some want to make statements about women's lot and others just want to present women's art.''

Carol Sheppard, BCL'83, LLB'84, another member of the National Association of Women and the Law, seems somewhat perplexed when asked if she is a ''feminist.'' ''I don't know what being a 'feminist' means,'' she says. ''If it means that a woman can define what it is she wants to do and have every avenue open to her then, yes, I'm a 'feminist.'''

Sheppard does agree with Ramona Materi, BA'84, that ''those 'feminists' back in the sixties were responsible for us being where we are now.'' Sheppard adds that the 'feminist' movement has ''sensitized everybody to what women's feelings and aspirations are. I think politicians actually think in terms of women's issues now.''

"I'd be reluctant to brand myself as a 'feminist.' I just believe in freedom of choice for women."

Still the women's liberation movement has had negative repercussions. ''Homemakers,'' Sheppard concludes, ''have been made to feel that they are not socially responsible. We have to recognize that there is nothing more socially valuable than taking care of children. Motherhood is a high calling.''

Charlotte Hussey

The McGill Community Family Centre

The McGill Community Family Centre, which provides daycare services to seventy-five McGill families as well as child development research facilities for the university, is celebrating its eleventh birthday this summer. Director Marilyn Neuman, who has been working at the Centre since September 1973, six months after the official opening, says that "from all reports, getting the daycare centre off the ground was a real struggle." It was a time when debates were raging over the effects of such care for children. Also financial matters had to be resolved after the incorporation of the Centre in 1972.

Charles Pascal, formerly of the Centre for Learning and Development, and Wally Weng-Garrety, the first director and currently a humanities instructor at Dawson College, were instrumental in establishing this daycare service, which began with four teachers and forty children. Today there are sixteen full-time teachers, two part-time assistants, one full-time substitute/office assistant, a secretary, a director, and eighty-two children. However, despite this growth, there is still a long waiting list, which climbed from 100 to 200 names over the past year.

Tina Wolfson, BSc'76, MSc'78, a graduate student in the epidemiology and health PhD program whose husband, David, is an associate professor of mathematics at McGill, considers herself especially fortunate to have been able to register her eight-month-old son, Julian, at the Centre in September 1982. The Wolfsons put their name on the waiting list when Tina was six weeks pregnant. Normally there is only space for fifteen or sixteen new infants per year.

Talking in superlatives about the Centre, Tina says that knowing Julian is being well taken care of puts her at ease, allowing her the freedom to carry on with her doctoral studies. Nor does she experience the guilt or separation anxiety so often felt by mothers who put their children into daycare. Receiving regular written reports on Julian's activities and progress, she is also encouraged to visit the Centre at any time. This makes Tina feel secure, as well as knowing that during their working hours at McGill, she and her husband could be at the Centre in five minutes if a problem arose.

In fact, she believes that Julian would be bored if she had raised him at home. At the Centre, he is encouraged to draw, read, play with toys and participate in "circle time" discussion groups and physical activities. He also is invited to join group excursions to, for example, flower shows, parks, and fire stations.

Her only reservations are that this daycare facility is not modern and suffers from a serious lack of space. And its director, Neuman, underlines the need for a gym. Although there is a small, "gross motor" room, the children can only jump and climb, but not run around. To do so, they must go out into the backyard, up on the mountain, or down to lower campus if it is not too cold, which it is for the winter months.

As a "hand-to-mouth," non-profit organization, the Centre keeps afloat by way of Quebec government subsidy and by tuition fees. And although McGill does offer some help with building renovations, concerned parents have formed a house committee to do minor repairs. Still Neuman says that the Centre benefits from its McGill affiliation. For example, it has a better staff/child ratio – ranging from 1:3.5 in the infant group to 1:7 in the four year old group – than most city daycare centres.

In order to place a child in the McGill Community Family Centre, both parents must be studying or working full-time during the day and at least one of them must be a McGill student or staff member. According to Neuman, "this is to provide the service for those who really need it." Neuman adds that she is relieved that the Quebec Social Affairs Ministry's Office de Services de Garde is getting more involved in establishing standards for daycare services throughout the province. She hopes this will result in many more alternatives that will be on a par with the excellent daycare services now available for a limited number of McGill families. *Debbie Mercier*

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The status of women at McGill

Founded in 1977, the Senate Committee on Women agrees that it is too early to tally up what progress they have made as regards the status of women at the university. Director of the McGill Admission's Office, Peggy Sheppard, and some of her colleagues on the Committee, Professors Nicole Domingue, Barbara Heppner, MSW'69, PhD'84, and Sam Noumoff do, nevertheless, point to the fact that the number of women in teaching positions at McGill has increased slightly.

Considering the total academic staff, the numbers of women grew from 16.5 percent for the years 1967-70 to 19.8 percent in 1981. This makes an increase of 3.3 percent in the number of women in total academic staff over a seventeen-year period. At the highest academic level, however, only 5.5 percent of all full professors were women in 1967-70; this increased to 7.7 percent in 1981, which makes an increase of 2.2 percent over the same period. The most telling figure is that for the assistant professor: of their numbers, 20 percent were women in 1967-70. This changed to 26.9 percent by 1981, indicating an increase of 6.9 percent over seventeen years. This slight increase in the numbers of women academics, then, is greater at the lower levels.

The figures for non-academic staff show a similar pattern. In 1981, 64 percent of the total non-academic staff were women. Of the total clerical staff, 92.5 percent were women. Of the total executive staff, 16.7 percent were women. No females were employed in the Physical Plant in 1981. Given that the number of women is greater than the number of men in total non-academic staff posts, the discrepancy at the executive level, for example, is questionable.

Part of the Committee's work involves raising the consciousness of both men and women. A member of the subcommittee on Senior Administrative Positions, Sheppard notes that one of their goals is to encourage women to apply for higher positions. At present few have done so. In addition, Domingue and Noumoff point out that the criteria used for self-promotion and for hiring, long accepted by men, should be re-examined.

Explaining her non-confrontational position, Heppner says consciousness-raising is important, but not sufficient. She believes that the more important task for the Committee is to find ways to modify the existing system. "It isn't only individual attitudes that prevent people from achieving whatever they want to achieve," she says. "It's also a question of due process, law, and commitment."

There should be a regular review of salaries, because differences still exist, and at present the onus is on the individual to plead her case. In addition, a count should be kept of how many women hold administrative posts and how many apply, especially for positions such as the director of a department or institute or the dean of a faculty. It might be impossible to prove that past anomalies were caused by sexual discrimination, but something should be done to equalize the situation: hire qualified women when given the chance.

Women at McGill, then, have a large task ahead of them. The first major hurdle has not even been passed: getting the university to

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make a written commitment that will ensure equal status for men and women staff members. Without this, women have no laws or precedences to fall back on, and so they must argue their own cases individually. Heppner emphasizes that she is, nevertheless, optimistic. If women don't expect progress immediately, if they are willing to adjust to the administration's schedule, then the administration will be willing to improve the record. "We're asking for a commitment from the administration, and we would be prepared to work with them towards involving women in administration at all levels. I don't see that there's any reason why it shouldn't go forward," Heppner concludes, "because it's long overdue." *Debra Martens*

The McGill Women's Studies Program

This year, McGill will graduate six students with a minor in Women's Studies and one of them is a man. Professor of Education and Coordinator of the Program Margaret Gillett thinks that the role of women in society needs to be comprehended by men as well as by women. "We have to think what's in it for men as well as for women, and how their self-concepts have to be modified by the humanistic approach of Women's Studies. If we just devote these things to women, it's like one hand clapping."

While the enrolment in the Women's Studies program is small – there were approximately 10 students registered in 1983-84 – it has remained steady since the minor was first instituted in 1979. The place of Women's Studies in the undergraduate curriculum seems, for the present, to be secure. It was not always so.

The genesis of Women's Studies at McGill was a shaky affair. In the fall of 1974, members of the Women's Union circulated a petition signed by 200 students and calling for the establishment of a Women's Studies program at the university. This expression of interest prompted the Associate Dean of Students, Dr. Erin Malloy, to call for a series of meetings to gauge the level of commitment on campus and to bring together all those members of the academic community who have a strong interest in women's issues. A steering committee was set up, which in turn gave birth to the McGill Committee on Teaching and Research on Women. Their report, which appeared in December 1976, resulted in the establishment of the Senate Committee on Women. It was through the work of the men and women of this committee and especially the efforts of Professor of English Irwin Gopnik that the proposal for an inter-faculty, interdisciplinary Women's Studies minor was approved by the Faculty of Arts as part of the undergraduate curriculum in 1979.

Gillett, who was one of the three co-authors of the 1976 Committee Report, has been associated with Women's Studies since its inception. The quality of students in the program has been very good, she says. "It is not just an easy option. It has been selected by students who are good to outstanding." Moreover, the number of people who are interested in the program has been maintained and new courses have been added every year.

Currently sponsored by the Senate Committee on Women, which also appoints an advisor and organizes a required interdisciplinary research seminar, the minor constitutes an academic package of twenty-four credits. Half of these must be taken from a selection of fifteen core courses. These deal specifically and directly with the subject of women. The remaining twelve credits may be selected from a larger list of optional courses, which may contain material on women, but do not focus on them exclusively.

While the program offers no graduate courses, Gillett points out that it has always been possible for graduate students in the more traditional departments to write theses on women. "This is Women's Studies without the label," she says. As for turning the minor into a major, that seems unlikely to happen in the near future. As far as Gillett knows, there is no interest at McGill for such a change at present. "We had enough trouble just establishing the minor," she says, adding that she does not have the stamina for the kind of political battle such a move would entail; nor, she thinks, does anyone else.

Dismissing the charge that Women's Studies is not an academic discipline, she points out that this accusation is generally leveled at anything new that is introduced into the curriculum. Hispanic Studies and Canadian Studies are similarly interdisciplinary, she points out. They draw on traditional fields like history and literature, but focus on one particular population. "If the people who are concerned with Canadian Studies or Hispanic Studies or Women's Studies didn't concentrate their interests, nobody would," she says.

Admittedly one danger of such a specific focus is the cultivation of a ghetto-mentality, but Gillett thinks that this "complicated, paradoxical situation" cannot really be avoided at present. "If the claim of women for attention were sufficiently strong, then it would be considered part of the mainstream; but the activities that have historically been assigned to women have been ignored. Women's Studies has this unique opportunity to insert into the general record all of these things that have been left out. It makes it a rich field."

Despite her satisfaction that the minor now seems a fixed part of the undergraduate curriculum, Gillett feels that the overall gains made by Women's Studies have been small, consisting largely of the quality of the students and the consistent level of interest. She would like to see the establishment of many more courses, especially in the social sciences, sociology, and anthropology.

Gillett, who next year will be succeeded as Women's Studies coordinator by Professor of Sociology Prudence Rains, says she would like to see this position recognized as a true part of a professor's academic workload. At present, the job is part-time and largely voluntary, in that it must be taken on as an addition to regular teaching duties. "Women's Studies," says Gillett, "needs an office; it needs a centre; it needs visibility. That would help the program to be known and to grow. It needs that kind of continuity – somebody to really care and to push it, as well as the backing of the university in general."

"Women's Studies has become a respectable part of the academic world."

"Women's Studies," she continues, "broadens and contributes to the enrichment of traditional areas of study. It may be antagonistic to parts of them, but that's the stuff of intellectual life – to have intellectual discourse and argument. It's a healthy, stimulating development. I think McGill should be glad that we have the minor. Women's Studies has become a respectable part of the academic world." *Goldie Morgentaler* □

A Fair Shake

by Effie Astbury and Rose Mamelak Johnstone



Effie Astbury, BA'38, BLS'39

The following have been excerpted from A Fair Shake, *a collection of some thirty-one autobiographical essays written by McGill women and edited by Professors Margaret Gillett and Kay Sibbald, PhD'76. The launching of this Eden Press publication at the university on 6 September will signal the start of the 1984-85 commemoration of 100 years of women at McGill. Gillett and Sibbald borrowed their title from playwright Lillian Hellman who said of her life: "I had a fair shake, not a brilliant one, but a fair one." It seems many McGill women feel much the same way.*

Effie Astbury,
emeritus professor and retired director of the McGill School of Library Science

I was happy to fit into a position in the Library School. This appointment opened on wider vistas and brought fresh challenges with every passing year. As might be expected, being in a largely female profession, there were moments when my colleagues and I felt like second-class citizens in the university. For many years, we were subjected to discrimination at the Faculty Club, and we advanced slowly up the academic ladder, being stalled for an undue length of time at the rank of assistant professor. In my case the stages of promotion were: teaching assistant, 1949-50; lecturer, 1950-53; assistant professor, 1953-65; associate professor, 1965-69; professor, 1969; emeritus professor, 1982. But we went quietly on our way, certainly never harassed, merely ignored.

There came a day in 1964 or 1965, however, when retirement from the position of director was in prospect for Professor Vernon Ross, who had ably guided the School for the previous fifteen years. She was summoned to the dean's office, and, when she returned, brought back word that the higher powers had decreed that the next director of the Graduate School of Library Science must be a man. The air was electric with shock. Nevertheless, it was not until 1981 that a selection committee managed to find a suitable man for the job. In the interval, four women had held the position of director.

It is sometimes claimed that women do not like to work under the direction of a woman. This was definitely not true in my case. I was well satisfied with the leadership given by the four women under whom I served – Miss Edith Gordon and Professors Vernon Ross, Virginia Murray, and Violet Coughlin. Margaret Gillett's characterization in her book, *We Walked Very Warily,* of the typical style of McGill's women aptly applies to all four: Theirs was a "polite, cautious, but determined approach." To this I would add their exceptional capacity for surmounting difficulties.

In our time, we demonstrated that we were bold enough to take a big risk. This was the decision to do away with the traditional one-year bachelor of library science and to replace it with a two-year master's program. The plan for this was initiated by Murray and negotiated by Ross, while Coughlin and I backed them and helped structure the new program. After a year or two of planning, it went into effect in the 1965-66 session. The directors of the four other Canadian schools of library science were dismayed, aghast, and outraged. In particular, one of the men predicted immediate disaster for McGill – we would lose all our students and "fall flat on our faces." Naturally, under this barrage we went ahead with some trepidation, but the men in McGill administrative positions, especially Principal Rocke Robertson, reassured and encouraged us to go forward with our plan. In the years that followed, our student body increased, not simply because we had two classes instead of one, but also as more and more of our graduates returned to take the second year of the program to qualify for the MLS.

In fact, so successful did this new set-up prove that on an historic occasion in April 1968, the director of the Toronto School invited all the other directors to a meeting in that city. To this I accompanied Professor Murray. We described all the benefits the new system had produced, and tried not to look too smug when the outcome of the meeting was that all the schools endorsed "the principle of a four-term graduate program leading to a master's degree in library science as the basic preparation for the professional practice of librarianship in Canada." Thus, the women at McGill led the way in the development of a program of education for librarianship that is uniquely Canadian. Without question, this was the most important achievement during my thirty years with the School.

Rose Mamelak Johnstone,
chairperson of the department of biochemistry

Had I not become involved with the problems that women face in academia, I would not have had the nerve to accept the chairpersonship when it was offered. I must disabuse any readers of the notion that a "Draft Johnstone for Chairman" movement became a rallying cry in biochemistry. Like so many events in life, being there is often a compelling reason for being chosen.

The natural, internal candidate for chairperson in 1980 was tempted away to another part of Canada by the promise of a bigger research facility, with fewer teaching responsibilities, and more financial support. Suddenly, there I was, overnight, an elder statesman! Then I had to ask myself, "Would I assume the responsibility if asked?" In this respect, my involvement with attempts to increase the profile of women on campus made me respond, "Why not?"

Being afraid has never appeared to me to be an excuse for not doing. I recall the time when I first started to teach students in the proper way to handle laboratory animals. I was positively catatonic. I had never really done it before, since most of my work until then had involved bacteria. But do it I must – so I learned and did, despite the fear that pervaded every nerve in my body. I laughed myself silly (silently, of course) when one of the students in admiration, and ignorance, blurted out, "Oh, Dr. Johnstone, I wish I



Rose Mamelak Johnstone, BSc'50, PhD'53

could handle rats as easily as that!''

Could being chairperson really be worse than handling the laboratory beasts? Since the university was undergoing one of its periodic bouts of financial retrenchment, and our department was fairly young, an internal candidate was a likely choice. The dean and his selection committee recommended my appointment. If anyone expected an outburst of objection, none was forthcoming. My colleagues have generally been supportive of the changes that have occurred in the department, and I became chairperson.

Overall, I can say that chairing a department is no worse than doing the demonstrations in student laboratories, but I am not convinced that it is more rewarding and exciting than dedication to research and teaching. Would I encourage other women to seek senior administrative positions? Probably – because I think it's important to minimize the sexual differentiation in our social environment. People should be encouraged to do what they want to do. It is also satisfying to learn how to get people to do their best work. In times of financial restraint, when contraction, not expansion and development, is the order of the day, there is little opportunity to guide departmental growth. There are also few occasions to follow the evolution of young staff members as they develop their craft and scientific stature. There does remain, however, the satisfaction of following the progress and development of the graduate students. Inexperienced and unsure when they begin, they become, in a few short years, polished, knowledgeable, and determined to make their mark on the world. The successful completion of their work is an essential element in maintaining the scientific life of a teaching department.

Only time will tell whether I have been an effective chairperson. It has given me a new insight into myself and the people with whom I work. I lack the empire-building instinct, which may be an important attribute for a leader. I find it totally inimical to my nature. I often wonder if this is characteristic of women (acquired through genes or jeans) or merely me. The statistical sample is too small to judge.

Would I accept the chairpersonship again having acquired wisdom from hindsight? Probably, but only because I cannot resist trying to do something I have not done before. A challenge is a challenge. □

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FOCUS:

Chaviva Hosek



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President of the influential lobby group, the National Action Committee on the Status of Women (NACSW), Chaviva Hosek, BA'67, has never doubted for a moment that she would be a working woman. Now an associate professor of English at Victoria College, University of Toronto, she attributes this expectation largely to her parents who came to Canada from Czechoslovakia in 1952. Survivors of World War II, her family "had a clear sense that no one could protect anyone from anything. Everybody had to be able to take care of themselves." Her father encouraged her to become self-sufficient, as did her mother who had started working just after her daughter turned six. "She got a lot of respect for the work she did," says Hosek, who from her early years had her mother's example to follow.

After graduating from McGill with first class honors, Hosek went on to complete an AM and a PhD at Harvard University. It was during this period in Cambridge, Mass., that she came to realize: "If you were female, you didn't count. I was shocked to discover that suddenly being female was a big problem."

Joining a consciousness-raising group, she began reading feminist works. "I think I was always a feminist and didn't know it. This was true for a lot of women of my generation, because there were no words for what we believed."

Finding these words at Harvard, Hosek went on to become politically active at the University of Toronto where she began teaching in 1972. Here she chaired the Women's Studies Program Committee from 1975 to 1977. Work on the Ontario Committee on the Status of Women, from 1975 to the present, she says, taught her to prepare briefs, press releases and how to lobby ministers. She then became secretary of the NACSW in 1980, vice-president in 1982, and finally, president in 1984. Headed by a twenty-two person executive, the NACSW is an organization of nearly 300 member groups including women in political parties, churches, provincial and local service to women and status of women groups, and "old-line women's organizations."

Hosek's statement that "education and political work are much the same" is reflected by the method in which NACSW works. Resolutions, "the backbone of the organization," are passed at an annual meeting. Information is gathered and presented to NACSW members, and then each group sends a delegate to the annual meeting to vote on the motion. Once one is passed (the NACSW has ten years of resolutions on the books), the concerned member groups and the NACSW executive set about lobbying government officials and publicizing their platform. One of their primary tools is their magazine, *The Status of Women*.

Although there are conflicts between member groups, Hosek says "there is almost total agreement on all our main objectives": on daycare and its funding, on mandatory affirmative action, on equal pay for work of equal value, on the need for training and retraining women for the job market, on pension reform, on divorce and family law reform, on reproductive choice, and on issues having to do with peace and survival.

Such a consensus is particularly important now that NACSW is preparing for the coming federal election. As Hosek puts it: "We've managed to convince all the parties that they'd better pay attention to us." Following this, "we will do public education and hope that people make informed choices."

Recently the economic status of women has gotten worse, says Hosek, who adds: "Women are still the poorest people in society." The NACSW, consequently, is lobbying for affirmative action at both the federal and provincial levels. "Affirmative action," she says, "is an acknowledgement that there is a problem, naming the problem, and trying to find solutions for it."

Voluntary affirmative action has not corrected past discrimination; the method must be changed. Hosek dismisses charges of reverse discrimination against men with this comparison: "There has been an affirmative action program in place in the federal government for a long time, and it has succeeded. It is called bilingualism. I think the same thing needs to be done for women."

Hosek does see an improvement in the status of women in Canada. The sexual equality that is stipulated in the Charter of Rights is an important political, and eventually economic, victory. Hosek also thinks women are a permanent presence in the labor force. "And," she adds, "the consensus that it's not acceptable to pay women less is growing."

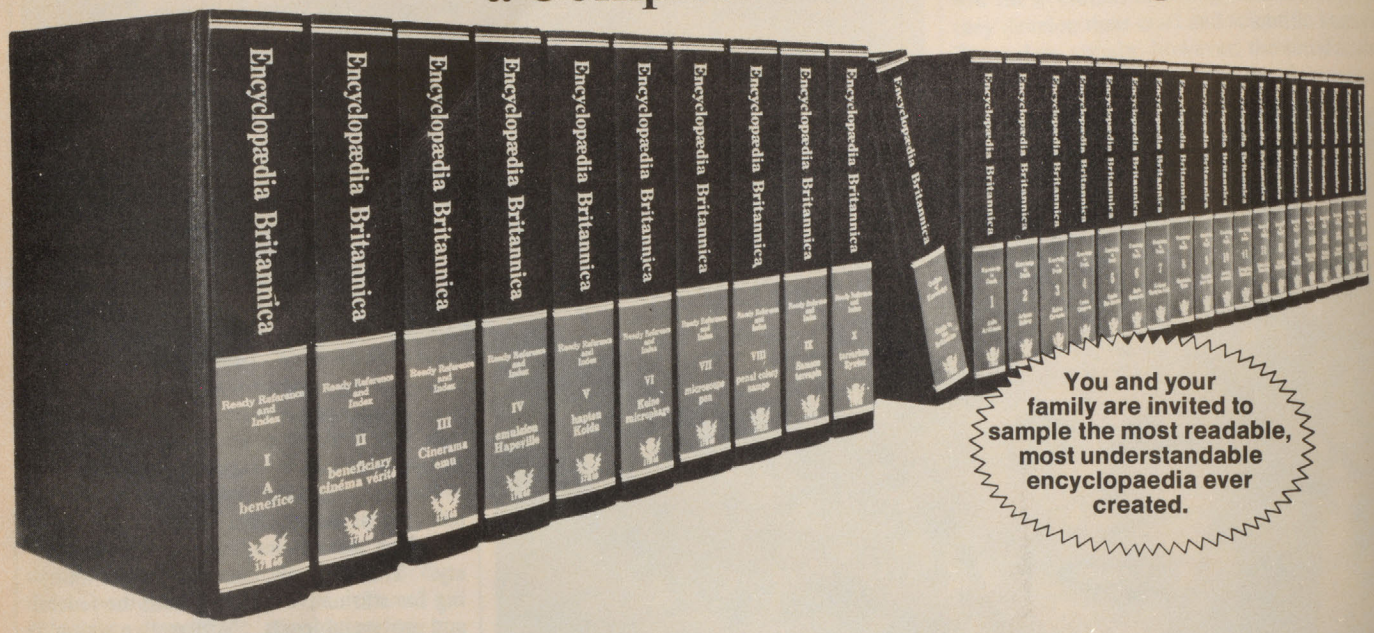
Further, attitudes to women seem to be changing. "All the polls suggest that people under 45, especially those who are better educated, are more likely to agree with the main goals of the women's movement. With this changing consciousness, political and economic change will follow in the future," says Hosek.

"I see real progress. You have to see it in the reach of history. It's going to take a long time. We're not going to dismantle the patriarchy by the next federal election. That's not what I'm saying. But I see a real movement. It's a series of waves, and each time the wave subsides at a slightly higher level."

Riding the crest of the newest wave, Hosek concludes: "I wouldn't have missed being president of NACSW in the year of an election for anything." *Debra Martens* □

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SOCIETY ACTIVITIES

Reunion '84

"Put on your red and white sweater, the dirtier the better...."

by Gavin Ross, Executive Director of the Graduates' Society

Reunion '84 Weekend is shaping up to be one of the best ever, with more than eighty classes from years ending in 4 and 9 planning special get-togethers. It will start on Thursday, 20 September, with the annual general meeting of the Graduates' Society at 5:30 PM at the St. James's Club. The next day's Leacock Luncheon at the Grand Salon of the Queen Elizabeth Hotel promises to be a sellout with Canada's foremost contralto and recently named Chairperson of the Canada Council, Maureen Forrester, as our guest speaker. Miss Forrester, who received an honorary doctorate in Music from McGill in 1982, is noted for her wit and humor. It is especially fitting that she will be our "guest lecturer" during the McGill Women's Centennial celebration. Later that day the president of the Graduates' Society will entertain members of the class of 1959, who will return to celebrate their 25th class reunion. Principal and Mrs. David Johnston will host a 50th anniversary dinner for the class of 1934, and Chancellor and Mrs. Jean de Grandpré will welcome graduates returning from the classes of 1929, 1924, 1919 and prior.



The Scarlet Key is alive and well. This year forty-four outstanding students were honoured at a dinner given by Principal and Mrs. Johnston at their home. Pictured with Principal Johnston is President of the International Students' Association Amalia Martinez, BA'85.

Saturday's activities will begin with an alumnae reception at Royal Victoria College, followed by a graduates' brunch at Bishop Mountain Hall at 11:00 AM. Many alumni will wish to attend the McGill-Queen's homecoming football game at Molson Stadium starting at 1:00 PM.

Sunday's activities include an organ recital at Redpath Hall given by Professor of Music John Grew, walking tours of Old Montreal, and the traditional closing luncheon at Gibby's. Private class parties will be taking place throughout Reunion Weekend. For more information, graduates are asked to call Susan Reid at (514) 392-4815.

Macdonald Reunion '84 Macdonald Reunion will be held one week later on 29 September. It will feature a Leadership Day program with a variety of seminars and guest speakers of interest to agriculture and food science graduates. Eleven class reunions will provide opportunities for special get-togethers.

Branch Activities May, June, and July were busy months among the branches with meetings held in Windsor; Chicago; Winnipeg; Atlanta; New Haven, Ct.; Burlington, Ont.; London, Ont.; Ottawa; Los Angeles; Boston; Toronto; London, England; and at the Kitchener-Waterloo-Guelph Branch as well. We thank Professors Storrs McCall, BA'52, Derek Drummond, BArch'62, and Norbert Schoenauer, MArch'59, Dean of Medicine Richard Cruess and Vice-Principal (Finance) John Armour for visiting our branches during these months. Our new Chancellor and Mrs. Jean de Grandpré hosted the McGill Society of Toronto Annual Dinner Dance on 21 June and, as usual, this was a sellout. For jobs well done, we thank outgoing Branch Presidents Kerry Martin, BA'67, (Niagara); Brian Doyle, BSc'72, MBA'74, (Oakville/Burlington/Hamilton); Sue Willis, BA'66, (London); Marc Denhez, BCL'73, (Ottawa); Elizabeth Gillies, MA'41, (Philadelphia); and Michael Blau, BSc'64, DDS'69, (Boston). We welcome the incoming presidents to these branches.

Montreal Area Activities The Young Alumni concluded one of their most active years by electing as their president, Brent Hussey, BCom'75, BCL'77, LLB'79, to succeed Victoria Rorke, BA'70, DipMgmt'81. The McGill Society of Montreal had their annual meeting on 13 June, and Mrs. Ann Vroom, BA'67, was re-elected president for a second one-year term. The Alumnae Association continues to busily prepare for its annual book fair to take place on 17-18 October.



Maureen Forrester will be this year's Leacock Lecturer.

Student Relations During the past decade it has become a tradition that the Graduates' Society, in cooperation with the Office of the Dean of Students, assist the Scarlet Key Committee in its selection process by providing meeting space and refreshments, and by coordinating the presentation dinner. The Scarlet Key Committee, working with Alumni Relations Officer, Gerry Ludwig, selected forty-four outstanding student leaders to



Chairman of Reunion '84 Rob Kerr and President of the Graduates' Society Carlyle Johnston relax at the reception for class chairmen of Reunion '84.



Alumni Relations Officer Gerry Ludwig, Special Events Co-ordinator Kathy Whitehurst, and Class Reunion Co-ordinator Susan Reid put the finishing touches on plans for Reunion '84.

receive awards at a most enjoyable dinner hosted by Principal and Mrs. David Johnston in their home 12 April.

During the 1983-84 academic year, many student groups received financial and moral assistance from both the McGill Society of Montreal and the Graduates' Society. Working with and getting to know student leaders enables the staff and volunteers to inform students about alumni activities while they are still on campus.

Miscellany McGill's Applicant Follow-up Program continues to be popular and appreciated by applying students and their parents. This program now involves alumni working in nine cities in Canada and four in the United States. A volunteer graduate coordinator in each city is advised by McGill's Information and Liaison Office of students in that area who have applied to McGill. These names are distributed by the coordinator to a team of local and, for the most part, recent graduates, who call potential students and offer to tell them about McGill. They talk about life in the residences, in the "student ghetto," and in greater Montreal, and about university sports, student politics, and the academic curriculum. In Toronto alone, thirty-eight volunteer alumni made personal contact with more than six hundred high school and university transfer applicants.

The McGill Redman Football Team of 1969 honored Coach Tom Mooney at a special 15th Reunion in Banff, Alberta, on 10-13 May. Twenty-four original "Mooney Men," including coaches, participated along with their wives and children, in this long weekend that was superbly organized by Jay Harris, BCom'70, with the assistance of Gerry Goulet, BEd'71. From all accounts, it was a "physical" weekend with a program including racquet ball, squash, touch football, skiing and probably the odd toast or two! Current McGill Redmen Head Coach Charlie Baillie summed it up this way: "The friendships developed fifteen years ago at McGill were quickly solidified, and it was nice to see that everybody involved was not only successful in their chosen career, but also in good physical shape!"□

WHERE THEY ARE AND WHAT THEY'RE DOING

'25

OTTO KLINEBERG, BA'19, MD'25, ScD'69, after twenty years at the University of Paris, France (the Sorbonne), has returned to New York, N.Y., where he has been named honorary life member of the New York Academy of Sciences and the World Federation for Mental Health.

'29

PETER S. WISE, BCom'29, CA'30, has recently been awarded the title of Fellow of the Order of Chartered Accountants of Quebec.

'38

SAM MISLAP, BA'38, has recently been appointed fund-raising coordinator for the Vancouver Centennial Commission's planned activities.

'40

BETTY ISSENMAN, BA'40, DipSW'42, is guest curator, Inuit clothing, at the McCord Museum, Montreal, Que.

'41

WILLIAM C. GIBSON, MSc'36, MD'41, DipMed'48, has been elected to the council of the International University Consortium for Distance Education, based in Baltimore, Md. He is currently involved in a television-aided teaching project for students living at great distances from the campuses of British Columbia's three universities.

'42

JOHN D. SPIVACK, BEng'42, PhD'47, is a distinguished research fellow, plastics and additives division, at CIBA-GEIGY Corp., Hawthorne, N.Y.

'43

MERVYN L. WEINER, BCom'43, of Washington, D.C., has recently retired from the World Bank, after thirty-three years of service.

'44

ARTHUR S. PERLIN, BSc(Agr)'44, MSc(Agr)'46, PhD'49, E.B. Eddy. Professor in the department of chemistry at McGill, delivered the Clifford B. Purves Lecture Series in 1984.

'47

ROBERT LEE, BEng'47, works in the research and development offices of Canadian Liquid Air Ltd., Montreal.

J. ROSS LEMESURIER, BA'47, has been appointed a director of Great Lakes Forest Products Ltd., Thunder Bay, Ont.

WENDELL F. WHITE, BCom'47, has recently been appointed secretary-treasurer of Argus Corp. Ltd., Toronto, Ont.

'48

AARON BLAUER, BEng'48, is the president and chief executive officer of Sorel-O-Vision Inc., Montreal, a company that distributes cable television to five cities, including Sorel and Tracy, Que.

EVE KUSHNER, BA'48, MA'50, PhD'56, of McGill's Faculty of Arts, recently received a Killam Award from the Canada Council.

JAMES NATHAN WOLFE, BA'48, MA'49, has recently retired as professor emeritus from the department of economics, University of Edinburgh, Scotland.

'50

W. F. GILMORE, BEng'50, has become vice-president, mining, of Wright Engineers, Vancouver, B.C.

CHARLES McCRAE, BCom'50, is the deputy chairman, Montreal, corporate leadership gifts, of the McGill Advancement Program.

LORNE C. WEBSTER, BEng'50, is the Chairman, corporate leadership gifts, of the McGill Advancement Program.

'51

ROY DOHN, DDS'51, of Baie d'Urfe, Que., recently began marketing a board game he invented, adapted from the game of baseball, called "It's a Whole New Ball Game."

'52

J. A. DAVID BRUNET, BA'50, MDCM'52, vice-president, medical services, of Consolidated Bathurst Inc., has been appointed a governor of the Council of the Canadian Centre for Occupational Health and Safety.

JOHN D. MORGAN, BCom'52, is vice-chairman in the Montreal office of Walwyn Stodgell Cochran Murray Ltd., stockbrokers.

J. KEVIN REYNOLDS, BCL'52, works as assistant vice-president, personnel services division, of Montreal Trust.

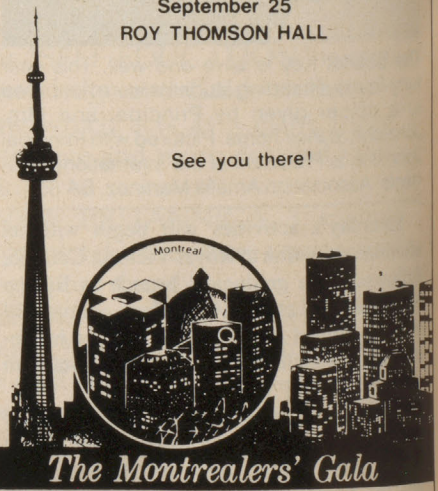
HYMAN RODMAN, BA'52, MA'53, director of the Family Research Center and Excellence Fund professor at the University of North Carolina, Greensboro, has recently published *The Sexual Rights of Adolescents: Competence, Vulnerability, and Parental Control,* with Columbia University Press.

HAROLD G. ROSSER, BEng'52, of Singapore, has recently been appointed managing director of Northern Telecom, Asia, Ltd.

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'53

LORNE W. COX, BCom'53, has been named vice-president, finance and administration, of Phillips Cables Ltd.

MURRAY D. McEWEN, BSc(Agr)'53, vice-president of Redpath Industries, has recently been named a director of the company.

'54

NORMAN KALANT, PhD'54, has been appointed director of research at the Sir Mortimer B. Davis Jewish General Hospital, Montreal.

JOHN W. McGILL, BCom'54, is president and chief executive officer of Canadian Liquid Air Ltd., Montreal.

DONALD W. SEAL, BA'50, BCL'54, a senior partner in the firm Seal & Associates, has recently been named a judge for the municipal court of the city of Hampstead, Que.

JOSEPH P. VILAGOS, BEng'54, has recently been appointed vice-president, Canalog Division, of CANAC Consultants Ltd., a subsidiary of Canadian National, located in Montreal.

GEORGE ZAMES, BEng'54, of McGill's Faculty of Engineering, recently received a Killam Award from the Canada Council.

'55

BERNARD L. SEGAL, BSc'50, MD'55, a cardiologist and director of the Likoff Cardiovascular Institute of Hahnemann University Philadelphia, PA., has been named one of the "Best Medical Specialists in the United States" by *Town and Country Magazine*.

DOUGLAS G. WILSON, BCom'55, works as general manager, converting operations, of CIP Inc., a Montreal-based pulp, paper, and forest products company.

'56

MIKE V. BREBER, BCom'56, is vice-chairman of Canadian Liquid Air Ltd.

GILLES G. CLOUTIER, MSc'56, PhD'59, is the vice-president of technology and international affairs of Hydro-Quebec, Montreal.

GEORGE H. KING, BEng'56, has been named vice-president, design, of E & B Cowan Ltd., of Montreal, an engineering management consulting firm.

'57

BEVERLY ANNE (SMITH) HALL, BA'57, after completing a Masters of Divinity degree from the University of Toronto, Ont., was ordained a deacon in May 1984 and was appointed assistant curate at St. Mary's Anglican Church in Richmond Hill, Ont.

WILLIAM JAMES, PhD'57, president of the nickel producer Falconbridge Ltd., and a McGill Advancement Program volunteer, has recently become president of the Mining Association of Canada.

T. DOUGLAS KINSELLA, MD'57, has recently been appointed assistant dean, biochemical ethics, in the Faculty of Medicine, University of Calgary, Alta.

'58

ANDREW J. BOBKOWICZ, BEng'58, PhD'63, has recently been appointed president of the Canadian Plastics Institute, Toronto, Ont.

'59

DENNIS DWYER, BCom'59, BTh'80, is a United Church minister who lives with his family in Mansonville, Que.

J. MICHAEL McCORMACK, BEng'59, has recently been appointed vice-president, human resources, of Reed Inc., Toronto, Ont.

STEPHEN T. O'FARRELL, BEng'59, has been appointed vice-president, public affairs and administration, of Texaco Canada Inc.

PHYLLIS NORMA SMYTH, BA'59, BD'64, recently received a doctor of divinity degree from Victoria University, Toronto, Ont.

DOUGLAS A. WOODWARD, BEng'59, is vice-president, sales, for Stelco Inc. He resides in Burlington, Ont.

'60

PETER CUNDILL, BCom'60, manager of Cundill Value Fund Ltd., recently changed his home base from Vancouver, B.C. to London, England.

ANTONIO R. GUALTIERI, BA'60, BD'61, STM'63, PhD'69, professor of Religion at Carleton University, Ottawa, Ont., recently published a book, *The Vulture and the Bull: Religious Responses to Death,* with University Press of America Inc.

C. DENIS HALL, BEng'60, has recently been appointed managing director of Ryerson Polytechnical Institute's new Centre for Advanced Technology Education, Toronto, Ont.

MOHANDAS M. KINI, PhD'60, associate professor of ophthalmology and director of vitreo-retinal services at the Boston University School of Medicine, was recently elected president of the Massachusetts Society of Eye Physicians and Surgeons and chairman of the Massachusetts Medical Society, ophthalmology section.

'61

L. DAVID CAPLAN, BCom'61, has been elected president and chief operating officer of Pratt & Whitney Canada Inc.

IRWIN MARGOLESE, BSc'56, DDS'61, is currently president of the Federation of Dental Societies of Greater Montreal and has just completed his term as president of the Mount Royal Dental Society, Alpha Omega Fraternity.

HENRY MINTZBERG, BEng'61, McGill professor of Management, has collaborated on a book, *Organizations: A Quantum View,* recently published by Prentice-Hall Inc., N.J.

MOSHE SAFDIE, BArch'61, has recently been appointed Ian Woodner Adjunct Professor of Architecture and Urban Design at Harvard University's Graduate School of Design, Boston, Mass.

'62

COLIN P. CAMPBELL, BSc'62, has been named president of Sparfil International Inc.

FRED C. DRURY, BEng'62, is a founding partner and executive vice-president of Econex, Inc., Wheaton, Ill., which is a blasting agent manufacturer and the largest distributor of commercial explosives in the U.S.

PIERRE G. LEROUX, BEng'62, is executive vice-president of Coronet Housewares Inc., Baie d'Urfe, Que.

JURIS MAZUTIS, BEng'62, is director of the OASIS project at the House of Commons, Ottawa, Ont., on behalf of the Canadian Broadcasting Corp.

MICHAEL A. MILLARD, BEng'62, has been appointed president of Traders Associates, a land development company in Mississauga, Ont.

'63

H. CLIFFORD HATCH Jr., BA'63, has recently been appointed president and chief executive officer of Hiram Walker-Gooderham & Worts Ltd., Walkerville, Ont.

'64

PATRICK BLOUIN, BArch'64, has been made an honorary fellow of the American Institute of Architects and recently has become a member of the Royal Canadian Academy of Arts.

J. W. KWAMINA DUNCAN, MEng'64, has been elected Fellow of the Institution of Civil Engineers of England, and is now the project manager of WHO Intercountry Project on Community Water Supply and Sanitation, Lusaka, Zambia.

KENNETH KIVENKO, BEng'64, DipMan'74, has been appointed chairman of the board, president, and chief executive officer of Aviation Electric Ltd.

GOULDING LAMBERT, BCom'64, is an investment broker with Jarislowsky, Fraser Co. Ltd., Toronto, Ont.

HARVEY LEVENSON, BCom'64, MBA'68, is executive vice-president of Commonwealth Curtain Co. and Rosedale Draperies Inc.

MICHAEL RABINOVITCH, BCom'64, has joined the Montreal office of Richter & Associates, a member firm of the Canadian Association of Management Consultants.

C. MURRAY TRIGG, PhD'64, president of Trigg, Woollett, Olson Consulting Ltd., Edmonton, Alta., was awarded the 1984 A. O. Dufresne Award by the Canadian Institute of Mining and Metallurgy.

'65

JOHN B. ARMSTRONG, BSc'63, MD'65, PhD'75, has recently founded the consulting firm, Scientia Biomedica Inc., in Vancouver, B.C.

CHRIS BRYANT, BA'65, is the executive director of CUSO, Ottawa, Ont.

MARIAN KAHN, BMus'65, is founder of the Montreal Bed & Breakfast Association, an agency that represents about thirty Montreal homes offering guest accommodation. It is run from her own Montreal home.

CALVIN SHEA KALMAN, BSc'65, has been promoted to full professor in the physics department at Concordia University, Montreal.

VAIRA VIKIS-FREIBERGS, PhD'65, professor of psychology at the University of Montreal, has been appointed vice-chairman of the Science Council of Canada, Ottawa, Ont.

THOMAS N. YOUNG, BSc'65, is vice-president, data processing, of the Vancouver Stock Exchange, in British Columbia.

'66

W. A. COCHRANE, BSc'66, has recently been named product manager, systems, with STC Canada, Toronto, Ont.

JACQUES DROUIN, MBA'66, has recently been named a director and member of the executive committee of Geoffrion, Leclerc Inc., investment dealer, and of Gestion Geoffrion, Leclerc Inc.

H. JOHN GREENIAUS, BCom'66, has recently been appointed chief executive, Nabisco Brands Ltd., in the United Kingdom.

JAMES PANTELIDIS, BSc'66, DipMgmt'74, MBA'77, has recently been appointed vice-president, marketing coordination and development of PetroCanada, Toronto, Ont.

'67

JOSEPH BALADI, BEng'67, has recently been appointed senior vice-president, energy resources and technology, of Gaz Metropolitain, Que.

ROSEMARY CHRISTENSEN, BA'64, BCL'67, is the founder and president of Somerville House, a network of companies that specialize in tax incentive investments.

E. V. DODGE, BEng'67, has recently been appointed general manager, marketing and sales, of CP Rail, Vancouver, B.C.

PETER A. SANDIFORD, BCom'67, has been appointed president of Systemhouse Inc., a software systems company, Ottawa, Ont.

ANTON SCHORI, BSc(Agr)'67, has recently joined Monenco Consultants Ltd., Calgary, Alta., as senior supervising soil scientist.

'68

JAMES ALBRIGHT, BSc(Agr)'68, MSc(Agr)'71, MBA'82, is product manager of Canadian Liquid Air Ltd., Montreal.

SOLY COHEN, BSc'68, has recently been appointed group vice-president and general manager of Steinberg's Miracle Mart department stores, Montreal.

BARRY W. GLICKMAN, BSc'68, MSc'69, has been appointed professor of biology at York University, Downsview, Ont., where he will continue his work on the mechanisms of mutagenesis and environmental toxicology.

'69

PAUL M. BLAIR, MSc'69, works as a mine manager at the Ojibway Mine, one of the mines operated by the Canadian Salt Co. Ltd., Windsor, Ont.

GILBERT E. PLAYFORD, BEng'69, is vice-president and treasurer of Union Carbide Canada, Ltd., Toronto, Ont.

STEVEN TARNOFSKY, BA'69, of Sacramento, Ca., has been appointed to the advisory council of the Kentucky Central Insurance Co.

'70

DENNIS KUKULSKY, BEng'70, has recently been appointed president, chief executive officer and director of Human Computing Resources Corp., Toronto, Ont.

RUSSELL MERIFIELD, Jr., BCL'70, has been elected chairman of the executive board of the International Coffee Organization.

'71

RUSSELL J. BOYD, PhD'71, of Bedford, N.S., won the 1983 APICS/Fraser Gold Medal and Young Scientist Award.

RONALD W. DALFEN, BEng'71, has joined the Montreal office of Richter & Associates, a member firm of the Canadian Association of Management Consultants.

MARIO D. N. FERREIRA, MSc'71, is the chairman of the department of histology and embryology at the New University of Lisbon, Portugal.

WILLIAM LAHT, BSc(Arch)'71, BArch'73, has recently been named director of engineering for the CBC's broadcast centre development project in Toronto, Ont.

'72

LOUISE ABBOTT, BA'72, the editor of the *McGill News* from 1973 to 1975, currently a freelance photographer, broadcaster, and writer, will soon publish her photodocumentary of the Eastern Townships' Stanstead County with McGill-Queen's University Press.

GHISLAIN BROSSARD, BCL'72, has joined the firm of Hart, Saint-Pierre, & Des Marais.

JACK I. COHEN, BCom'72, has joined the Toronto, Ont., office of Richter & Associates, a member firm of the Canadian Association of Management Consultants.

JOS B. GAVIN, PhD'72, recently edited a book, *Tradition and Innovation, Belief and Consent: Essays by Jesuits from a Canadian Perspective*. He is president and associate professor at Campion College, University of Regina, Sask.

LAWRENCE J. MONONEN, MA'72, PhD'76, a senior research analyst at the Wang Laboratories Inc., Lowell, Mass., has been admitted to the executive MBA program at The Wharton School, University of Pennsylvania, Philadelphia.

DAVID B. ROBINSON, BSc(Arch)'72, BArch'74, recently won an award for a series of banners entered in a nation-wide competition sponsored by the County of San Diego, Ca.

'73

YVAN G. PARADIS, BCom'73, is vice-president, operations, of Le Groupe Desjardins, Assurances Generales, Montreal, Que.

'74

DAVID ABRAHAM HEFTER, BA'74, a *Sunday Express* Sports writer, has recently been appointed sport director at CJFM Radio, Montreal.

HARSH V. KHULLAR, BSc'74, recently received his PhD in pharmacology from the University of Montreal.

CHRISTINE O'CONNELL, BA'74, of Vancouver, B.C., has recently been granted her MA in English at McGill.

MICHAEL TO, MSc'74, has joined the Montreal office of Richter & Associates, a member firm of the Canadian Association of Management Consultants.

DONNA TOLMATCH, BA'74, BSc(Arch)'77, BArch'78, works as a freelance architect in Montreal.

'75

STEWART J. COHEN, BSc'75, a visiting research fellow at the Atmospheric Environment Service, Environment Canada, works at the Canadian Climate Centre in Toronto, Ont.

MICHELINE (LABRANCHE) COTE, BA'75, has recently been appointed the Quebec regional director for the Secretary of State.

DAVID DAVIS, LMus'75, is the new organist and choirmaster at Christ's Church Cathedral, Hamilton, Ont.

BRIAN HELLER, BCL'75, LLB'78, of the Bars of Ontario, Quebec, and Alberta, has recently established an office for the practice of criminal law in Toronto, Ont.

RIMA ROZEN-PALEFSKY, BSc'75, PhD'81, who recently joined McGill's department of biology as an FRSQ Fellow, will be affiliated with the human genetics group and the Centre for Human Genetics.

'76

LUC BRISSETTE, BSc'76, is the assistant to the executive vice-president, domestic operations, of the National Bank of Canada, Montreal.

GILLES CHIASSON, BA'76, is a staff psychologist at Kingston Penitentiary, Ont.

JAMES diDONATO, BA'76, of Fort Lauderdale, Fla., will participate in an English Channel swim this year along with his twin brother, Jonathan.

ROBERT A. KLEINMAN, BSc'76, DipPubAcc'78, is a partner of Zittrer, Siblin, Stein, Levine, Chartered Accountants.

DANNY MILLER, PhD'76, has co-authored a book, *Organizations: A Quantum View*, recently published by Prentice-Hall Inc., N.J.

ISABEL MILTON, BN'76, MSc'79, has recently been appointed assistant executive director, nursing services, Queen Elizabeth Hospital, Toronto, Ont.

CHRIS ORVIG, BSc'76, has recently begun a University Research Fellowship at the University of British Columbia, Vancouver, in inorganic chemistry.

RONALD G. PEROWNE, BTh'76, one time professional football player with the Montreal Alouettes, is now a manager at Domtex, Toronto, Ont.

GERRY ZAMPINI, BCom'76, has been promoted to product manager, printing papers, of Rolland Inc., a Quebec-based company specializing in the manufacturing of fine papers.

'77

JEFFREY ALAN BARR, BA'77, recently graduated from Benjamin Cardozo Law School and is now with Lihn, Menaker, and Simpson, New York, N.Y.

EUGENE MEEHAN, LLM'77, LLD'84, a professor of Law at the University of Alberta, Edmonton, recently authored two books, *The Law of Criminal Attempt* and *Creditors' Remedies,* to be published by Carswell Legal Publications Ltd., Toronto, Ont.

SUSAN STROMBERG-STEIN, MA'77, has recently written a book, *Louis Dudek: A Biographical Introduction to his Poetry,* published by Golden Dog Press, Ottawa, Ont., 1983.

STEPHANIE TRENHOLM, BSc'77, is a family medicine primary care nurse at the family medicine unit of the Queen Elizabeth Hospital, Montreal.

'78

HOWARD I. VINEBERG, DipPubAcc'78, is a partner of Zittrer, Siblin, Stein, Levine, Chartered Accountants.

'79

JOHN S. W. MacMURRAY, BMus'79, has recently been appointed associate principal trumpet of the Halle Orchestra of Manchester, England.

DAVID TETREAULT, BCom'79, upon graduation from the University of Toronto Law School, was awarded the Treasurer's Medal, the Roland O. Daly Scholarship, the Edwin George Long K. C. Memorial Scholarship for the student attaining the highest mark in the Bar Admission Course, and the Stuart Thom Prize for the student attaining the highest marks in income tax, corporate and commercial law, and accounting.

'80

JEAN-PIERRE DeMONTIGNY, MBA'80, has recently been appointed vice-president, corporate finance, of Lévesque, Beaubien Inc., Montreal, Que.

PHILIP HULME, DipPubAcc'80, has recently been appointed director of finance and administration for Allergan Inc., Toronto, Ont, a subsidiary of SmithKline Beckman Pharmaceutical.

H. BUI QUANG, MBA'80, has recently been appointed vice-president, marketing, Gaz Metropolitain.

'81

MICHEL P. LAZURE, BA'81, is studying for a Masters degree in business administration at The Wharton School, University of Pennsylvania, Philadelphia.

'82

JANE HSIEH, BSc'82, has been appointed assistant research microscopist with the Pulp and Paper Research Institute, Pointe Claire, Que.

NEAL ROCKOWITZ, MD'82, represented the Southern California region at the grand finals of the Insilco National B/C/D squash championships, in Los Angeles, Ca.

'83

MICHEL BAKHOS, MBA'83, serves as Quebec regional manager for Flygt Canada, the world's largest manufacturer of Electric Submersible pumps.

JOSHUA GRUNBERG, BSW'83, has recently been appointed coordinator of group work services at the Maimonides Hospital Geriatric Centre in Cote St. Luc, Que.

ZVI RESHEF, MArch'83, recently started his own firm, Reshef Architects, in Ramat-Gan, Israel.□

DEATHS

'07

EDITH (MOWATT) CHRISTIE, BA'07, at Montreal, on 20 July 1983.

'08

LEVERETT DeV. CHIPMAN, MD'08, at Berwick, N.S., on 22 March 1984.

ANNIE (SMITH) LATHE, BA'08, at Kingston, Ont., on 1 March 1984.

'10

EMMA G. LAWLOR, BA'10, at Montreal, on 23 Feb. 1984.

'16

STARR WHITNEY FAIRWEATHER, BSc'16, at Guelph, Ont., on 21 May 1984.

'18

HELEN RUTH (REYNOLDS) MATHEWS, DipPE'18, at Montreal, on 10 March 1984.

'19

MARION K. PROUDFOOT, BA'19, at Montpelier, Vt. in 1984.

'20

ISADORE NISSAN PESNER, DDS'20, at Montreal, on 9 April 1984.

WILLIAM JOHN REID, BSA'20, at Montreal, on 8 April 1984.

'21

KENNETH LEE CROWELL, BCL'21, at Middleton, N.S., on 6 April 1984.

BEATRICE JEAN KERR, BA'21, on 4 June 1984.

JOHN W. SCOTT, MD'21, in April 1982.

KENNETH A. WILSON, BCL'21, at Montreal, on 26 April 1984.

'22

LEON A. BEAUDIN, BSA'22, on 2 May 1984.

CECIL E. CARSON, BSc'22, at Toronto, Ont., on 30 March 1984.

GEORGE HERBERT CARTWRIGHT, BSc'22, on 3 May 1984.

'23

WILLIAM GORDON CUTTLE, BSc'23, at Hudson Heights, Que., on 2 April 1984.

'24

HARRY BATSHAW, BCL'24, at Montreal, on 8 June 1984.

GEORGE H. RUMPEL, BSc'24, on 15 Oct. 1983.

NORMAN M. VINES, BA'23, MD'24, at Montreal, on 9 May 1984.

DORIS (THOMPSON) WIGGS, DipPE'24, at Port Perry, Que., on 24 April 1984.

'26

WALTER DAVID FARMER, MD'26, on 7 Feb. 1984.

MORRIS HERMAN, MD'26, at Davidson, Sask., on 19 April 1984.

IRWIN GILBERT NORTON, BSc'26, at Memphis, Tenn.

'27

PAULINE JACK MORRISON, BA'27, BLS'32, at Montreal, on 9 June 1984.

MIRIAM ALICE NASH, DipPE'27, on 29 March 1984.

E. WALTER WORKMAN, MD'27, MSc'34, at Montreal, on 14 June 1984.

'28

RAHNO MARY BEAMISH, CertNurs'28, at Kitchener, Ont., on 13 May 1984.

ELMORE GAGNON, BSc'28, at Montreal, on 20 March 1984.

'29

W. J. BAXTER, MD'29, in August 1983.

J. CLARENCE BERNSTEIN, BSc(Arts)'29, MD'29, at Greenlawn, N.Y., on 29 Nov. 1983.

JACK R. BOGANTE, BA'26, MA'27, BCL'29, at Montreal, on 1 March 1984.

FREDERICK HAMILTON, BCom'29, at Brockville, Ont., on 14 April 1984.

'30

JACK BONESS, DDS'30, at Toronto, Ont., on 23 May 1984.

FRANK CALDER, BSc'30, in Florida, on 10 April 1984.

ROBERT G. M. GAMMELL, BA'27, BCL'30, on 7 March 1984.

'31

RAYMOND A. BOUCHER, BA'31, on 24 Aug. 1983.

VINCENT PAUL CUMMINGS, MD'31, at Largo, Fla., on 13 April 1984.

JOHN deV. DOYLE, DDS'31, on 23 Sept. 1983.

ERNEST GOLDSTEIN, BSc(Arts)'27, MD'31, at Ottawa, Ont., on 6 March 1984.

DONALD G. HENDERSON, BSc'27, MD'31, on 12 June 1984.

'32

ROBERT deWOLFE MacKAY, BA'28, MA'29, BCL'32, at Montreal, on 6 April 1984.

HUGH HAMILTON SAUNDERSON, PhD'32, DSc'62, at Winnipeg, Man., on 14 May 1984.

ARTHUR SHECTER, BA'32, at Montreal, on 25 March 1984.

'33

RUTH (McEWEN) FLEMING, BHS'33, at Kingston, Ont., on 16 Feb. 1984.

ABRAHAM LAPIN, BA'29, DDS'33, at Montreal, on 13 June 1984.

ANDRE G. LEROUX, BCom'33, at Montreal, on 9 June 1984.

SELWYN THOMAS WILLIS, BA'33, at Cowansville, Que., on 20 March 1984.

'34

WILLIAM B. CLEMENTS, BSA'34, in Florida, on 5 Jan. 1984.

ALMA (HOWARD) EBERT, BSc'34, PhD'38, in England, on 1 April 1984.

GERALD WINTER HALPENNY, BSc'30, MD'34, at Montreal, on 4 June 1984.

WILLIAM T. W. SHUTE, BA'34, in 1981.

'35

HYMAN KLEINMAN, BCom'35, on 1 March 1984.

JACK SIMINOVITCH, BSc'31, MD'35, at Montreal, on 3 April 1984.

'37

ALAN BELL, PhD'37, on 23 June 1982.

J. STEWART CAMPBELL, BEng'37, at Winnipeg, Man., on 25 April 1984.

HOMER L. FLETCHER, BSc(Agr)'37, on 26 June 1983.

MARC ANTOINE LARIN, BEng'37, at Montreal, on 14 Feb. 1984.

C. WARD O'CONNOR, BCom'37, in Florida, on 17 Feb. 1984.

CECIL D. SOLIN, BA'37, MA'38, at Montreal, on 23 Feb. 1984.

'38

J. ROBERT BROOKE, MD'38, at Tacoma, Wash., on 2 March 1984.

J. BERNARD COOK, BA'33, MD'38, at Sudbury, Ont., on 9 March 1984.

KENNETH R. MacKENZIE, BA'33, MD'38, PhD'48, at Montreal, on 12 Nov. 1983.

'40

EDYTHE (COLE) DUNDASS, DipNurs'40, at Hamilton, Ont., on 26 Feb. 1984.

COLIN MALCOLM McDOUGALL, BA'40, MA'82, at Montreal, on 3 June 1984.

'41

CHARLES BISHINSKY, BSc'41, PhD'44, at Montreal, on 25 Feb. 1984.

EDWARD LEWIS JONES, BEng'41, at Calgary, Alta., on 23 August 1983.

ELDEN EDMUND SPENCER, BCom'41, at Toronto, Ont., on 18 June 1984.

T. MUNCEY TANTON, MD'41, in October 1983.

ELIZABETH (COOKE) WATTS, BA'41, at Montreal, on 25 Feb. 1984.

'46

CYRIL P. BROPHY, BEng'46, at Pointe Claire, Que., on 28 Feb. 1984.

ANNABEL (LEVINE) SOLOMON, BSc'46, at Montreal, on 21 March 1984.

'47

ELEANOR (DOOHAN) HIBBARD, BSW'47, at Clearwater, Fla., on 7 April 1984.

'48

RAYMOND DAOUST, BCL'48, on 20 July 1983.

EINAR LEIFSON, MD'48, at Wheaton, Ill., on 15 May 1984.

'49

GERALD WHEELDON MacFARLANE, BCom'49, on 24 March 1984.

MARY (HILL) PURDY, BSc'49, at Amherst, N.S.

'50

MARCO ENRICO CLIFTON GIGLIOLI, BSc'50, on 3 March 1984.

PHILIP WISELBERG, BCom'50, at Montreal, on 29 May 1984.

'51

WILLIAM CROSLEY BENNETT, BEng'51, at Scarborough, Ont., on 16 April 1984.

JACK EMERSON GUNN, BEng'51, on 24 April 1984.

PETER ROWNEY JENNINGS, BA'51, MA'53, at Gaucin, Spain, on 8 June 1984.

RALPH G. WILSON, BEng'51, on 5 Dec. 1982.

'52

JOHN B. BALLOU, MD'52, on 25 April 1984.

JESSE RAYMOND WISEMAN, BEng'52, at Montreal, on 6 May 1984.

'53

CECIL S. WOODS, BSc'53, on 15 Aug. 1983.

'54

JOSEPH P. MILLER, BCL'54, on 14 October 1982.

LOUIS G. MURRAY, PhD'54, in the Andes Mountains, in April 1984.

'55

JOHN DAVID VIPOND, BCom'55, at Vancouver, B.C., on 29 May 1984.

'56

FRANCOIS A. GUILBAULT, BEng'56, on 29 Aug. 1983.

GUNARS SULTMANIS, DDS'56, in September 1983.

'58

DOUGLAS CLIFTON LEVIN, DipPsych'58, at Montreal, on 8 March 1984.

'59

MAJOR JOHN L. McDOUGALL, BEng'59, at Calgary, Alta., in Nov. 1983.

'61

DANIEL N. METTARLIN, BA'58, BCL'61, at Montreal, on 7 March 1984.

MARILYN JANE MODE, DipPT'61, BPT'66, DipEd'70, at Toronto, Ont., on 19 March 1984.

'64

DAVID D. RENDLEMAN, MD'64, on 6 June 1981.

'66

GRAEME CROSSLEY WILMOT, MSc'66, on 22 March 1983.

'67

GEORGE DAVID MASON, MSc'67, at Calgary, Alta., on 9 April 1984.

'69

GILDA (BROWN) McKESEY, BN'69, MSc'77, at Montreal, on 20 April 1984.

'73

MARIANNE NEUMANN, MA'73, at Vancouver, B.C., on 6 June 1984.

'74

PHYLLIS (JUKIER) GOLDFINGER, BSc'72, MD'74, at Toronto, Ont., on 12 March 1984.

'78

JACQUES MICHEL GRIMAUDO, BEng'78, at Ste. Anne des Monts, Que., on 9 June 1984.

'79

IAN KENNETH McCRAE STRATHY, BSc'79, at Philadelphia, Penn., on 15 April 1984.

'81

SHELDON ZEMELMAN, BSc'77, MD'81, at Gros Morne National Park, Nfld., on 20 May 1984.

'83

ELEFTHERIOS CESAR TSEKREKOS, MBA'83, at Toronto, Ont., on 4 March 1984.□

ERRATA:

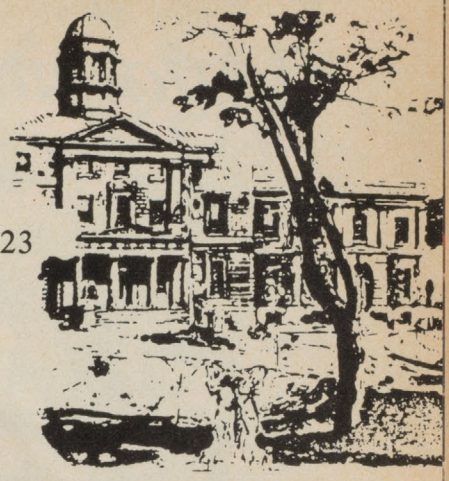
Dr. John Brierley's name was spelled incorrectly in the Spring 1984 issue of the *News*. He was Dean of Law from 1974 to 1984 and his successor, Professor Roderick Macdonald, is a member of the Barreau du Québec.

The lecture hall in the Leacock Building is the H. Noel Fieldhouse Auditorium.

The *News* regrets these mistakes.

REUNION '84

KEEP THESE DATES OPEN!



THURSDAY SEPTEMBER 20
Opening Reception
Annual Dinner Meeting

FRIDAY SEPTEMBER 21
Medical Seminar
Dental Seminar
Leacock Luncheon
60's & 70's Dinner Dance
President's Reception ('59)
Deans' Reception ('54, '49, '44, '39)
Principal's Dinner ('34)
Chancellor's Dinner ('29 & earlier)

SATURDAY SEPTEMBER 22
Alumnae Reception
Graduates' Brunch
Football Game
McGill vs. Queen's

SUNDAY SEPTEMBER 23
Old Montreal Walking Tour
Organ Recital
Closing Luncheon

CLASS PARTIES TO DATE: REUNION YEARS (YEARS ENDING IN 4's and 9's)

FACULTY and YEAR	CHAIRMAN
Agr. & Food Science 1979	Mr. Jack Sadler
Architecture 1979	Mr. Gordon Odell
Arts 1979	Mr. Remi Mariano
Education 1979	Mr. Jamie Henderson
Library Science 1979	Mrs. Sylvia Piggott
Management 1979	Ms. Louise Courey-Dziemian
Medicine 1979	Dr. H. Mitchell Shulman
Physiotherapy 1979	Ms. Janet Hale
Agr. & Food Science 1974	Mr. Jim Gendron
Dentistry 1974	Dr. Gerald W. Trager
Education 1974	Mr. Harry Zarins
M. Education 1974	Mr. Keith Alnwick
Elec. Engineering 1974	Mr. Gary Sakauye
Met. Engineering 1974	Mr. Randy Sakauye
Medicine 1974	Dr. Michael Dworkind
Occupational Therapy 1974	Mrs. Janet Davis
Physiotherapy 1974	Mrs. Marlene A. Turgoose
Agr. & Food Science 1969	Mr. Cameron Clarke
Arts & Science 1969	Mr. Richard Bourne
Dentistry 1969	Dr. Arnold Closner
Law 1969	Mr. Bernard Stern
M.L.S. 1969	Mrs. Linda Cobbett
Physiotherapy 1969	Mrs. Chauncey M. Bramwell
Agr. & Home Ec. 1964	Mr. M. Pirhonen
Architecture 1964	Mr. Patrick Blouin
Dentistry 1964	Dr. Gary Freedman
Education 1964	Ms. Peggy Sheppard
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Agr. & Home Ec. 1954	Dr. Herbert F. MacRae
Dentistry 1954	Dr. Harold Scherzer
Engineering 1954	Mr. Gordon C. Leslie
Law 1954	Hon. Fred Kaufman
Medicine 1954	Dr. Robert E. Paulette
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Dentistry 1940	Dr. Thomas J. Jones
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Woodland Indian Artist

Benjamin Chee Chee

Alumni Media is pleased to present 9 reproductions of works by the late Benjamin Chee Chee. These are the only reproductions authorized by the artist's estate.

A mainly self-taught artist, Chee Chee was a prominent member of the second generation of woodland Indian painters.

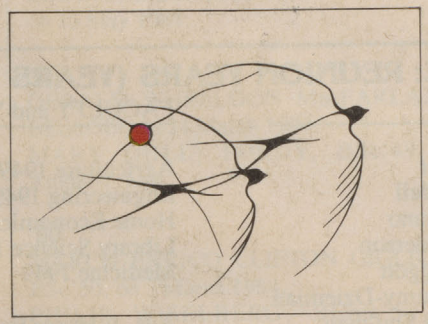
Unlike many of his contemporaries who employed direct and "primitive" means, Chee Chee's work was influenced by modern abstraction. His style reduced line and image in keeping with international modern art.

At the age of 32, at the height of his success, Chee Chee died tragically by suicide.

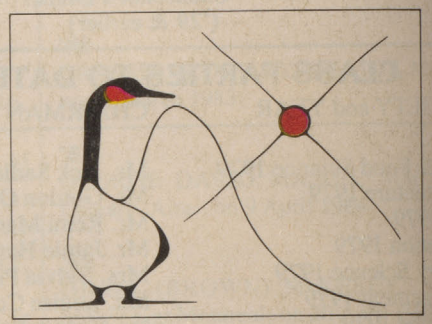
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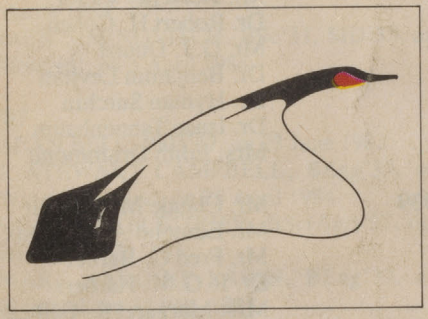
***A** Friends*



***B** Swallows*



***C** Good Morning*



***D** Proud Male*



***E** Mother & Child*



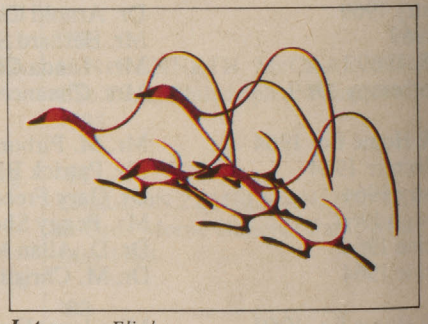
***F** Sun Bird*



***G** Spring Flight*



***H** Wait For Me*



***I** Autumn Flight*

Please send me the following Benjamin Chee Chee print reproductions at $23.95 each or $88.00 for any four, plus $4.85 for handling and shipping (overseas: $7.50). Ontario residents add 7% sales tax. MMMM

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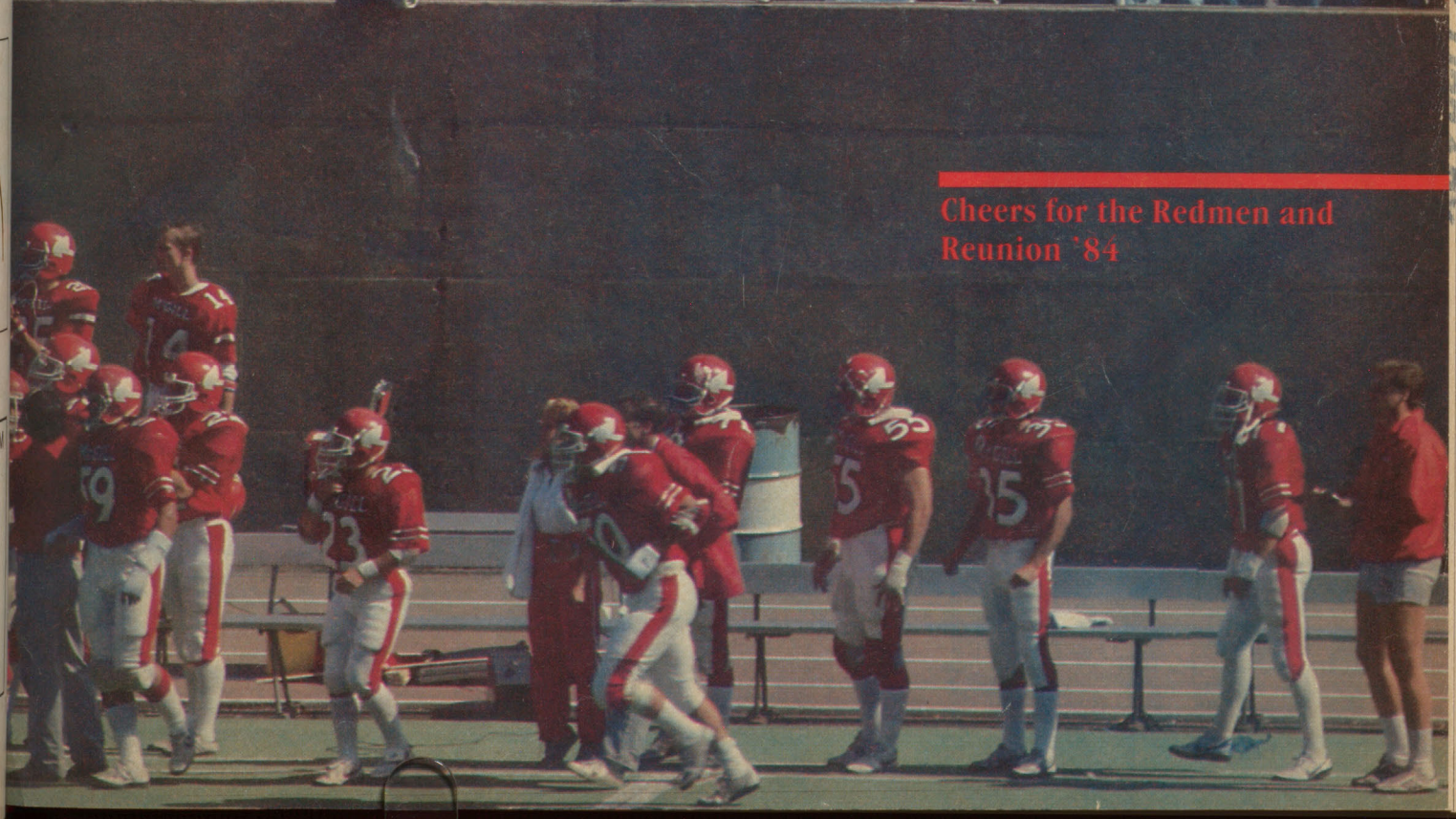
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McGill News

Fall 1984





Cheers for the Redmen and Reunion '84

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McGill News

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Fall 84

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Cover: A crowd of enthusiastic fans cheer on the McGill Redmen at the McGill-Queen's Reunion '84 weekend game. The Redmen, regrettably, ended up on the wrong end of a 59-30 score.

Cover Photo: Harold Rosenberg

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Three new deans: preserving traditions, adapting to change
by Carol Sheppard

The university has recently appointed new deans of Education, Engineering, and Law. Their role is a dual one: maintaining the fine academic reputation of each of their faculties, while adapting to the changing needs of today's students.

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The child in the attic: creativity and madness
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Psychoanalyst Dr. Julien Bigras writes successful novels in his spare time. His protagonists are ones that often walk a fine line between the creative and the insane.

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Pictures of a humanist
by Anne McLean

McGill graduate Edward Hillel will mount an exhibition of his photographs at Montreal's Saidye Bronfman Centre in late November. Selections from the show reprinted in this issue attest to the fact that his is a humane vision of the world.

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McGill alumnae through the decades: part II
by Goldie Morgentaler

The second in this four part series presents portraits of women graduating in and around the turn of the century. Two of these saw their career hopes dashed by choice or by circumstance. A third went on to enjoy a lifetime of accomplishments.

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NEWSBREAK

Murder mysteries, swim flicks, travelogues, and a western

Shirley Cull Thomson, PhD'82, director of the McCord Museum since 1982, will become secretary-general of the Canadian Commission for UNESCO (the United Nations Educational, Scientific and Cultural Organization) in January 1985. The Commission acts as a liaison between Paris-based UNESCO and Canadian groups concerned with international cooperation in the fields of the natural and social sciences, communication, heritage, culture and education. Thomson, an art historian, teacher, broadcaster and editor, was assistant secretary-general of the Commission in the 1960s. She also served as a director of the UNESCO pavilion at Man and His World in Montreal for 2 years.

John Kurien, economics professor at McGill, was recently elected president of the National Association of Canadians of Origins in India (NACOI), at the organization's 9th annual meeting in Montreal. NACOI will ask Ottawa to send a fact-finding commission to India's Punjab province, scene of recent violent clashes between Sikhs and Hindus. Delegates to the meeting agreed to ask the Canadian government to undertake diplomatic initiatives to guarantee fair treatment for India's minority Sikh community and to press India to release complete lists of deaths and arrests made during the recent outbreaks of violence that preceded and followed upon the assassination of Indira Gandhi.



Professor John Kurien

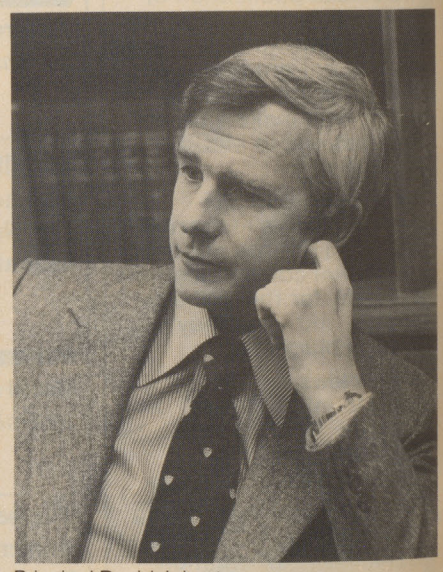
Peter Macklem, MD'56, physician-in-chief at the Royal Victoria Hospital, has become involved in the controversy surrounding the Grange Commission enquiry into the mysterious deaths of 36 infants at Toronto's Hospital for Sick Children. In a speech September 10 to the Canadian Society for Clinical Investigation, Macklem criticized the manner in which the exhumed bodies of infants were tested for digoxin poisoning. He claimed that the tests, which suggest that at least one baby died from an overdose of the heart drug, were clinically inadequate and had been performed for political, not scientific reasons. Macklem disputed the claims of the Ontario Government, which commissioned the tests, that there is evidence that the eight exhumed babies had been murdered. He stated there is no valid means of measuring levels of digoxin in the bloodstream after burial. Accuracy would have been assured only by performing parallel tests on the bodies of babies who were known not to have been murdered. He raised the possibility that the drug digoxin could be created naturally in decomposed tissue, a hypothesis rejected by both Justice Samuel Grange and Commission counsel Paul Lamek. Despite the resulting furor, Macklem stands by his statements, while conceding that it would be highly unethical to exhume bodies of a control group of infants in order to assess the validity of the tests.

The department of athletics has named **Mike Sharadin** as head coach of the men's and women's swim teams. The appointment is part of a joint Coaching Excellence Project being carried out by the Quebec Swimming Federation and McGill, Sherbrooke, Laval and Montreal Universities. Their aim is to provide Canadian universities with coaching of an international calibre in order to encourage Canadian swimmers to train in their own country, rather than in the United States. In addition to recruiting top competitive swimmers, Sharadin intends to significantly expand the Masters' Swim Program, which will enable swimmers who do not fall into the elite category to train and compete.

A Texas native, Sharadin has taught in Montreal and Ste. Foy, Quebec; in Toronto, Ontario; and as far afield as Lima, Peru, where he was coach of the Peruvian National and Olympic swim teams. Sharadin is planning an alumni get-together following the McGill Invitational Swim Meet on November 30 and December 1. Further information can be obtained by calling Coach Sharadin at the McGill department of athletics.

McGill is one of four Canadian universities that will share a million-dollar grant to conduct biotechnological research into problems of Western Canadian agriculture. The Western Canadian Agriculture Research Program (WCARP) was announced on September 18 by the sponsor, Canadian Pacific Ltd. (CP), as part of that company's centennial celebration. **Frederick Burbidge,** chairman of CP and also of the McGill Advancement Program, was present for the announcement. The CP funds will be used to encourage researchers in biotechnology to conduct cooperative studies on agriculture problems. To this end, the money will be spent in a number of different ways: identifying and publicizing priorities; directing funding of projects; and promoting university exchanges of graduate students, professors and researchers. McGill will receive $250,000 over five years.

Dr. Desh Pal Verma, professor in McGill's biology department, has been chosen as the program's first touring lecturer. Beginning in 1985, he will be delivering papers at McGill and the Universities of Alberta, Manitoba, and Saskatchewan, the four schools involved in WCARP. Also in connection with this program, Canada's first chair in biotechnology, funded by CP with a special $750,000 grant, has been established at McGill. Chemistry Professor **Kelvin Ogilvie** will be the first incumbent. In addition to his teaching duties in the department of chemistry, Dr. Ogilvie will be the first head of the university's proposed new Office of Biotechnology. He also plans to establish a course in this important scientific field.



Principal David Johnston

McGill Principal **David L. Johnston** has received a Japan Foundation Short-Term Visitors' Grant. The grant provides recipients with the opportunity to deepen their understanding of Japan and to promote cultural contact between Japan and their countries. Johnston, accompanied by his wife Sharon, will travel to the Orient in early December. The purpose of his visit will be to make contact with academic, government and corporate agencies. He will be making preliminary overtures toward initiating academic exchanges between McGill and Japanese universities. He also hopes to contact McGill graduates in Japan, with a view to establishing a branch of the Graduates' Society in that country. *Susan Keys.* □

WHAT THE MARTLETT HEARS

Writing course instills confidence

Most of the students enrolled in Effective Written Communication appreciate the help they receive from this four-year-old writing course. Their gratitude is well documented in a line picked at random from one student journal: "I'm glad McGill makes us take this kind of course. I feel much more secure when I have to write something now..."

The course has its origins in a request from the Centre for Learning and Development to the Faculty of Education asking for their help with a university-wide problem: the quality of student writing. This petition for aid was directed to Assistant Professor of Education Patrick Dias. "Five years ago concern was expressed about student writing," says Dias. "A request came through the then-Center for Learning and Development to see if the Faculty of Education could help. We had been teaching theories of teaching writing, and this was a chance to test those theories. A great deal of research was available about writing difficulties and the nature of the writing process; based on this we set up a writing center and advertised it as a service for students with writing difficulties."

The ad attracted a large number of students, "some of whom thought," says Dias, "we were a laundry service that would clean up their papers. This we refused to do." It soon became obvious that their writing problems went beyond those of the misuse of syntax and diction to the inability to think. "They had not conceived their topics or their goals clearly," says Dias.

The ad also caught the attention of the Faculty of Management, which asked Dias to set up a program for its MBA students. The result is a course that helps students from a variety of disciplines identify their writing problems and develop their own writing strategies. "We're teaching a process, not a product," says Dias.

Carolyn Pittenger, an Effective Written Communication instructor, quotes Archibald MacLeish on the teaching of writing: "The whole situation in a writing course is a reversal of the academic pattern. Not only is there no subject, there's no content either. Or, more precisely, the content is the work produced by the students."

One of the basic methods of the course is to respond constructively and sympathetically to student efforts as they appear in journals and other assignments. The focus is not only on what students write, but how they go about writing. "We ask them to keep a journal. They write with the confidence that comes from knowing what they're talking about and with the delight that comes when their own writing surprises them. As they start to confirm themselves as writers, they begin to experiment, to explore what they can do in and through writing," explains Dias.

The journals and the course as a whole go a long way towards helping students overcome their apprehensiveness about writing. Another major writing project is the final report in which the students, who now come to the Centre from the Faculties of Engineering, Arts, Education and Management and from Continuing Education and the School of Social Work, choose their own topic and develop it as much as they feel is necessary. "The topics come from their work on their particular interests. In many cases, they do a great deal of research," says Dias. "We are concerned less about technical details and more about their ability to say what they have to say clearly.

"Many of the writing problems we see are really thinking problems. We have found that students are more articulate if they think in terms of addressing a specific audience and/or specific goals when they write," explains Dias. "We also encourage them to take a topic and make it their own. Once they know what they're talking about and to whom they're talking, then language flows," says Dias.

Dias insists that the course is not a remedial writing course. "Effective Written Communication," he adds, "can benefit students at all levels of university study." *Donna Flint* □



Vivian Kellner

Effective Written Communication teacher Patrick Dias: "We're teaching a process, not a product."

Weeding out dangers to crops

To Macdonald Professor of Plant Science Dr. A.K. Watson, it may all be elementary. But to many North American farmers, his current research may fall just short of a revolution.

Watson, together with the University of Vermont's Dr. Alan Gotlieb, is co-discoverer of a biological agent that may result in the non-chemical destruction of a noxious weed threatening the major North American crops of soybean and corn. "It's a good association because we have the opportunity to work with two different ideas. We had known each other as graduate students. Gotlieb is expert in plant pathology, while I have more weed expertise," says Watson. "We have an agreement with the Universities of Vermont and McGill to collaborate on the development of a fungus for the control of the weed, velvetleaf. As the major weed in the corn and soybean growing area, it is difficult to control by cultural or chemical means."

Watson has worked extensively to further understanding of the ways biological agents can eliminate troublesome weeds. In 1980 he co-authored a paper on the results of his experiments using the white rust fungus, *Albugo tragopogi,* to prevent the spread of common ragweed, the major cause of hayfever in eastern North America. In this research, as well as in his most recent work, endemic plant pathogens were used as biocontrol agents of weeds. "In the approach of biological herbicides, you're talking disease organisms that occur here naturally in the field on the weed species. Under normal circumstances the disease does not generally cause a destructive effect to its host population. There are some lesions on the weeds, and it may or may not kill one or two plants. But the weed is generally in a static natural balance with its host pathogen," he says. "What we are doing with the velvetleaf example is taking this pathogen, *Colletotrichum coccodes,* and applying it in large quantities early in the season when the plants are more susceptible. We're basically manipulating the environment around the weed, velvetleaf, to determine whether or not the pathogen can be used as a biological herbicide.

"This is dissimilar to the general approach to pesticides in that most pesticides form a broad spectrum looking for a group of pests, whereas with biological control it is a narrow spectrum. We're looking at only one weed within a crop in a certain environment. It is the nature of biological control that the organisms we are working with have a limited host range."

Watson explains that the use of biological herbicides differs from the more commonly used method of weed control. The latter involves going back to the country where the weed originated, finding organisms there that attack it, and then importing them to Canada. "One of the reasons these weeds are so aggressive in their new habitat," explains Watson, "is that they've left their natural enemies back where they came from. This area is also quite advanced in the use of insects. There have been some successes in North America and elsewhere with this approach."

Within the unique plant pathogen containment facility at Macdonald College, exotic rust fungi are being evaluated by Watson and co-workers as possible biocontrol agents of certain weeds. Asked if pathogens could inadvertently wipe out other vegetation, Watson explains why this would not happen: "In our quarantine facility here on campus, we do not allow spores to scatter into the environment. We're pretty certain that we're not going to be adversely affecting the environment. Once we find a pathogen that's a threat, then it's not introduced."

Watson, however, is exploring a relatively new area where only two other micro-agents for weed control have been developed and commercial products formed, and these are recent as well. "There is a specific protocol within McGill, a patent policy that was forwarded to and administered by the Faculty of Graduate Studies. We disclosed and assigned our invention to the Universities of McGill and Vermont. We have signed a license agreement with an appropriate industrial partner to develop the bioherbicide. It is important that the discovery is patented in order that it be developed by industry. It will not necessarily be useful to society unless it is patented, and the ultimate objective of this is to benefit the farmers," says Watson. *Donna Flint*□

Vivian Kellner

Black artist in Canada: Lorris Elliott

The situation of young black writers in Canada today is a complex and often frustrating one. One of the major difficulties they face is getting their work published. Lorris Elliott, novelist, playwright, and associate professor of English at McGill, is determined to remedy this. And the development of his career alone could serve as a model for others.

A native of the island of Tobago in the Republic of Trinidad and Tobago, Elliott says his first love was not literature, but music. He had his own orchestra on the island and ambitions for a career as a composer, arranger, and musician. But his father, one of the senior



Professor Lorris Elliott: "Do you know any blacks who write?"

headmasters of the then-colony, wanted his eldest son to go to university. There were no music schools on the island, and music was, in any case, associated with "drinking and carousing."

So Elliott's career shifted course. He attended Queen's Royal College in Trinidad then in 1959 continued his studies at the University of British Columbia, because Vancouver had the best climate in Canada. Here he discovered American literature and in particular the black author James Baldwin. After this he moved to Montreal where he renewed contact with his West Indian heritage by reading V.S. Naipaul, whom he had known as a fellow student in Trinidad, and by completing a doctoral dissertation on the Guyanese writer Wilson Harris.

The influence of Harris can be seen in Elliott's first novel, *Coming for to Carry*. Recently published by Williams-Wallace International of Toronto, it tells the story of a West Indian student trying to adjust to life in the "big land" of North America. "Harris, who now lives in England, is enjoying an increased popularity with European audiences," says Elliott. "And his way of thinking about the Caribbean has influenced my writing." Harris doesn't approach Caribbean history out of a sense of futility. Instead he takes the facts, explains Elliott, and reinterprets them in light of a literary imagination.

Certain critics, as well, have pointed to the influence of James Joyce on *Coming for to Carry*. Elliott begs to differ with this assessment. "It resembles more the influence of William Faulkner on certain Latin American writers," he says.

After experiencing some difficulty finding a publisher for *Coming for to Carry*, Elliott became determined to help other aspiring black artists: "I had encountered my own problems with publishing, and I realized that there was so much talent around. Nobody was helping these people. There were people with writing just stuck in a drawer."

This hitherto-unrecognized talent will be showcased in an anthology of black writing in Canada, of which Elliott is the editor. The collection is soon to be published by Williams-Wallace. A grant from the Multicultural Program of the Secretary of State made it possible for Elliott to find many unknown, yet gifted writers. He searched in bookshops, attended community events, conducted writing workshops, and spoke to clerics, asking everyone he met, "Do you know any blacks who write?"

Several obstacles exist to the success of black writers, according to Elliott. In the first place, he notes a strongly marked preference on the part of publishers for established writers and traditional forms. This means that young writers, who often tend to favor experimental writing, have trouble finding a publisher. "You have to be impressive to get in, if you're new," Elliott says.

For black writers, there is the additional problem of what is perceived among publishers as a limited market for black writing in Canada. Young black writers are often told to send their material to the United States or the West Indies. Elliott, nevertheless, believes it is important for blacks to be published in Canada, where they can serve as role models for the next generation of writers.

Elliott says his own experience contradicts the argument that there is limited interest in black theatre and fiction in Canada. The audiences for his plays – which have been performed at the Centaur and Loyola College Theatres in Montreal – were seventy-five percent white. His novel, *Coming for to Carry*, has also drawn sympathetic responses from people of various ethnic backgrounds.

Continuing to look for ways to enlarge public awareness of black writing, Elliott organized a McGill conference on "The Black Artist in the Canadian Milieu" in 1980. He will also publish a bibliography of literature by blacks in Canada, to be sent to libraries throughout North America. This volume will serve as an aid to those interested in pursuing research on black writing and will help to alleviate the dearth of scholarly material available in this area.

Elliott feels that his work, both the plays and the novel, owe a debt to the Anglo-European education that he received in the Caribbean and to the whole West Indian folk tradition, with its rhythmic speech patterns, picturesque language, and music. He is currently drafting a second novel in which he also hopes to capture some of the multi-ethnic flavor of Montreal. "Instead of imitating American novels," he concludes, "I think that Canadians have wonderful opportunities to create a new approach to the novel." GM □

An invitation to submit nominations for the 1985 Ernest C. Manning Awards.

Principal Award $75,000
Award of Merit $25,000

The Ernest C. Manning Foundation is seeking nominations for its 1985 annual awards. The Foundation is a national, privately funded, non-profit organization formed to encourage, nurture and reward innovation by Canadians.

If in the discretion of the selection committee there are suitable candidates, the Foundation will annually award $75,000 for the Principal Award and $25,000 for the Award of Merit.

The Principal Award is presented to a Canadian who has shown *outstanding talent* in conceiving and developing new concepts, processes, or products of potential widespread benefit to Canada, *with or without* the benefit of institutional or corporate research facilities.

The Award of Merit will be granted to a Canadian who has shown *great talent and promise* in conceiving and developing new concepts, processes, or products of potential widespread benefit to Canada, *without* the benefit of institutional or corporate research facilities.

Of special interest are nominations from the fields of biological sciences (life), physical sciences and engineering, social sciences, economics, business, labour, law, government and public policy, the arts, and humanities.

The deadline for nominations for the 1985 awards is March 15, 1985.

For further information, or to acquire a nomination form, please write to:

Mr. George E. Dunlap, Executive Director
Ernest C. Manning Awards Foundation
#2300, 639-5th Avenue S.W.
Calgary, Alberta T2P 0M9

Three new deans: preserving traditions, adapting to change

by Carol Sheppard

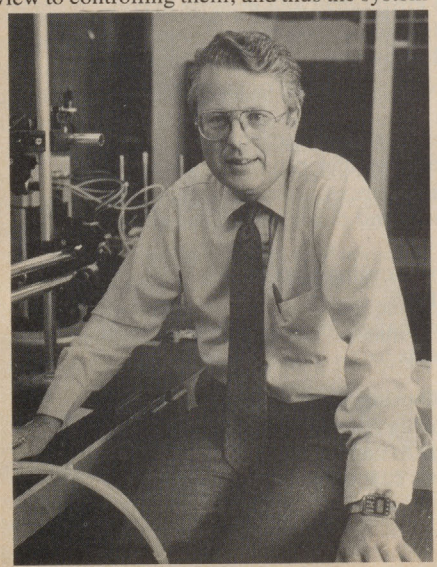
Dean of Engineering Pierre R. Belanger

Born and raised in Montreal, Dean of Engineering Pierre R. Belanger, BEng'59, was educated at the Collège Mont St. Louis by the Christian Brothers, a teaching order that emphasizes technical and scientific studies over the liberal arts. According to the Dean, lawyers' and doctors' sons attended Jesuit schools, while ''shopkeepers' sons'' predominated at the Collège Mont St. Louis.

From these humble beginnings, Belanger went on to complete his bachelor's degree in engineering physics at McGill. He then received his master's and doctoral degrees from the prestigious Massachusetts Institute of Technology. Returning to McGill in 1967 to teach in the electrical engineering department, he served as their chairman from 1978 until his recent appointment as dean of the Faculty.

M.I.T. certainly merits its excellent reputation, says Belanger. He held his first teaching position there in the mid-'60s, when student unrest was rampant. M.I.T., however, remained notably insulated from strife. ''A straw poll conducted before the 1964 presidential election indicated that if the entire electorate had been composed of M.I.T. students, Barry Goldwater would have become President,'' he says.

Dean Belanger's field is control systems which, put in layman's terms, involves the examination of variables in a system with a view to controlling them, and thus the system itself. A simple example of this is the bathroom shower. ''The hot water tap is a decision variable you have control over. You try to manipulate that to achieve some desired end result. In the case of your shower, it's the right water temperature.''



Photos by John Geeza

Due to his own analytic training in control systems, Belanger is a firm believer in a curriculum that encourages engineering students to think through problems rather than one that emphasizes learning rules and procedures by rote. ''What we're trying to do is prepare students for a whole career of change,'' he says. The goal is not to furnish a series of ''how-to'' courses over the three-year program; it is to produce graduates with the critical and creative ability to adapt to, and indeed help bring about rapid, even revolutionary change in science and technology.

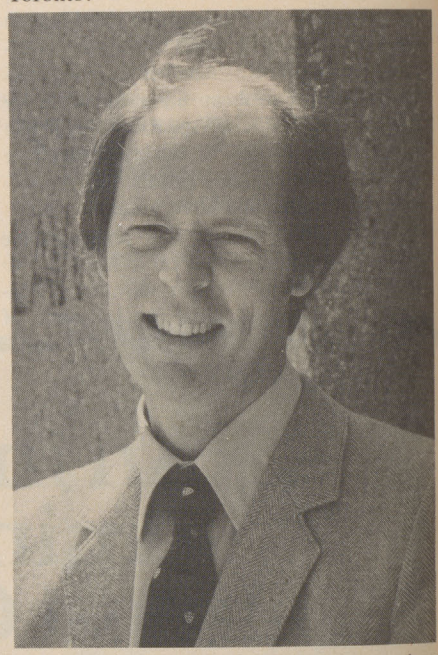
When asked what qualities he thinks he brings to his new job, Belanger was quick to point to the fact that he is a francophone, a factor he believes influences the approach he takes to engineering. Whereas his predecessor, Dean G.W. Farnell, PhD'57, is an ''excellent experimentalist,'' an anglophone pragmatist, Dean Belanger's approach is more theoretical and Cartesian. According to Belanger, it is noteworthy that the deans of the two faculties most intimately linked to the economy, himself in Engineering and Laurent Picard of Management, are francophones. These are two areas that traditionally have been the preserves of anglophones.

In his new role as Dean, Belanger believes it is his job to provide his Faculty with a strong sense of direction. One priority is computerization. Thanks to the McGill Advancement Program, Engineering will be able to make some sorely needed purchases and thereby keep the various engineering departments and the School of Computer Science up to date. ''I must nudge faculty in certain ways to take a leadership role,'' he adds, ''but always in a collegial setting.''

Dean of Law Roderick Alexander Macdonald

The new Dean of Law at McGill, Roderick Alexander Macdonald, appears at thirty-five to be rather young for the job. If you were to look at his *curriculum vitae* without ever having met the man, however, the long list of publications would lead you to assume that he is an octogenarian. At this early stage of his academic career, he has already produced more than sixty articles, case comments and reviews for learned journals. The new dean points out that his predecessor, Dean John E.C. Brierley, BCL'59, was only thirty-eight when he assumed the post ten years ago, and that deans of law faculties are often in their mid to late thirties.

A native of Markham, Ontario, Dean Macdonald began his academic career by studying political theory at York University. He considered obtaining advanced degrees in that field, until one of his professors, feeling that his student was not then intellectually mature enough to benefit from such graduate studies, suggested law school as an interim program. Acting on that suggestion, the young Macdonald enrolled in Osgoode Hall Law School at York University, receiving an LLB in 1972. While there, he took a course entitled ''Introduction to Civil Law.'' The subject captured his interest and prompted him to apply at the University of Ottawa Law School, from which he received his civil law degree in 1974. One year later he completed his master's in law at the University of Toronto.



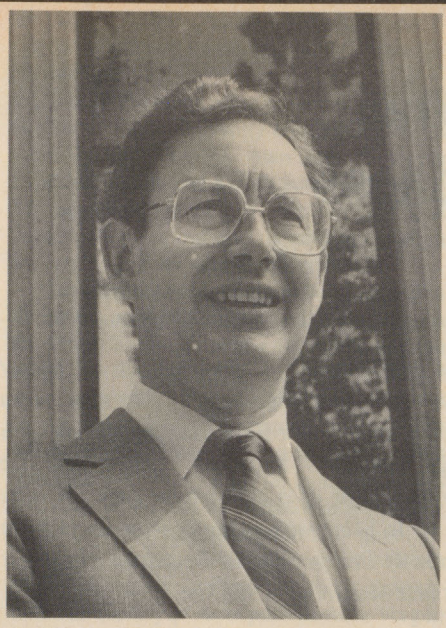
Macdonald is thus well qualified to teach at McGill's Faculty of Law which, since 1967, has prided itself on its National Program, training students in both Canadian legal traditions. He is one of the few professors who teaches both civil and common law courses. While recognizing that civil and common law have different conceptual structures and use different methods of analysis, the Dean is sceptical that the dichotomy between them is as rigid as it is often claimed to be.

Macdonald intends to capitalize on the achievements of outgoing Dean Brierley, but also wants to undertake a few initiatives of his own. Special areas of concern are the library, the promotion of legal research and the improvement of the student-faculty ratio. He also hopes to encourage student participation in extracurricular Faculty activities that could serve to sharpen legal skills. For example, he believes that sitting on Faculty committees enables students to develop abilities in the art of oral advocacy, in negotiation, in legal drafting and in problem diagnosis.

The role of the dean of Law, asserts Macdonald, is to try to create an academic atmosphere in which everyone, staff members and students alike, may pursue high level legal scholarship. And Macdonald eagerly looks forward to his tenure as dean. He feels that McGill has a first-rate law faculty and hopes to be able to assure its continued success.

Dean of Education David Smith

"I would very much encourage our international role as part of a balanced way of approaching education," says Dean of Education David Smith, BEd'58, MA'61, whose five-year term began September 1, 1983. Smith regards this international dimension as threefold: first, Education should be aware of the national and international aspects of its curriculum. Second, in keeping with McGill's international character it should attract some students from different parts of the world. As an example, the Dean points to some one hundred Kenyan students who recently graduated from the science education program. Such an infusion of new blood adds "a precious dimension" to the Faculty, he says. Third, Education professors should be encouraged to gain experience abroad, as consultants or through secondment. Currently, among a number of international projects, there is one in Ecuador involving two members of staff.



Closely allied to his international perspective is Dean Smith's commitment to "Peace Education," which, he explains, "is not a subject in itself, but is a way of approaching all the subjects we teach." On an individual level, it allows people to live more peaceful lives and, through the changing of values and behavior, may contribute to an improvement in relations between communities, nations, and other political entities.

Adult education is another field that Dean Smith views as important. Faced with an aging population in Quebec and Canada, the Faculty must be prepared to meet the increasing needs of adult learners and those who retrain for second careers. In Smith's view, one of the essential tasks of Education is to understand the process of life long education that includes the similarities and differences that characterize how the young and old learn. This is what compelled him to enter the field of education. "I'm fascinated by the learning process and by how we can facilitate and encourage it."

Since the mid-'70s, the emphasis in Education has shifted from initial teacher training to graduate and diploma programs that provide qualified teachers with a specialization. This change has occurred in response to lower birth rates, the higher average age of the population, and the changing needs of society. Smith intends to continue the development of new and specialized programs and to encourage events such as the Montreal conference on the use of computers in education recently sponsored by the Faculty.

To his new job, Dean Smith hopes to bring the ability to encourage all his staff members to work to their potential. He feels it is absolutely essential to promote scholarship of high quality in the field of education and laments the fact that over the past seven years, his Faculty's base budget has been cut by thirty-three percent. However, even in the face of severe budgetary limitations, he is confident that Education will continue to produce first-rate teachers.□

MARKING MAP'S ANNIVERSARY





Principal David L. Johnson joins McGill Governor and Chairman of Public Relations for the McGill Advancement Program Madeleine Saint Jacques (right) in a brief ceremony to note the progress of the Campaign. At the same event National Campaign Chairman Frederick S. Burbidge (left) announced that the MAP had reached two thirds of its $61 million goal after one year of the three year campaign. He acknowledged the excellent efforts of such key volunteer leaders as Charles Bronfman, Rowland Frazee, Warren Chippindale, Charles Perrault and Gordon Maclachlan and of Board of Governors Chairman Hugh Hallward. Burbidge explained that the Campaign total of $40,659,000 in gifts and pledges reflects a growing momentum of response generated by the expanding volunteer network in Montreal, Ottawa, Toronto and beyond. He added: "This is the largest capital campaign in the history of Canadian universities. I have no doubt at all we will make it!"

The child in the attic: creativity and madness

by Charlotte Hussey

Dr. Julien Bigras is both a psychoanalyst and a novelist. A visiting professor of psychiatry at McGill University and a psychiatric consultant at the Royal Victoria Hospital, he has published such works of fiction as Premier Bal *(in collaboration with Jeanne Cordelier),* L'Enfant dans le grenier, *and* Kati, of course. *His* Le Psychanalyste nu *broke ground in the development of a theoretical concept of a "maternal monster," and his* Les Images de la Mère *was recently translated from French into German. A film script is currently being written, based on his latest novel,* Ma vie, ma folie, *published in Paris and Montreal in 1983.*

Conducting a private psychoanalytic practice as well as working with psychotic patients, Dr. Julien Bigras spends his weekdays with severely depressed people. To compensate for this grueling work, Bigras finds he *must* write fiction on weekends and at night. "It's a question of survival. I'm so overwhelmed by the profound suffering of my patients. They are torn apart. I am overwhelmed by them, and in the evening I need to write, to let out the steam, to pull the pieces together."

Bigras never aspired to become a novelist. It happened almost by "accident," if a Freudian would allow for this word. At eighteen years of age, upon the death of his father, Bigras read Sigmund Freud and decided "once and for all" to become a psychoanalyst. He received a *doctorat en médecine* from the Université de Montreal in 1958. Then, he completed his training in Paris in psychiatry at the Salpêtrière Hospital, where Freud had studied before him, and in psychoanalysis at L'institut psychanalytique de Paris. Returning to Montreal in 1963, he started work on a "scientific" book, a chapter of which was devoted to the case history of one of his first patients, a severely disturbed woman named Marie. He explains: "She read it and was disgusted. She felt she was little more than a rat, a laboratory animal. She was really hurt."

Shortly after this Bigras was interviewed by *Châtelaine:* "It was late in the evening," he says, "and I was tired. I lay down on the living room couch, and the journalist sat beside me, taking my hand. I free-associated a story about Marie. It was published and Marie read it, finding it most illuminating. I was completely surprised because it was fiction. But Marie felt respected. It was then I decided I would use the art of fiction to convey what was really going on between a mad patient and myself."

An expert on such subjects as adolescent suicide and "le monstre maternel," Bigras has authored close to sixty essays. In the past he alternated between scientific and fictional writing, using one genre to further his understanding of the other. Today he prefers the novel. Fiction, he feels, provides the most frank portrayal of what goes on between psychiatrist and patient. Unlike a scholarly report, a novel conveys to the reader the "nuances of distress" – the surrounding atmosphere, tones of voice, and physical gestures. Also, it maintains the dignity of patients such as Marie, rather than reducing them to mere psychological stereotypes. "I can't generalize about my patients," says Bigras. "They are individuals and are treated as such in my writings."

Bigras has other, more personal, motivations for writing fiction. The exercise of drafting novels, short stories, and character sketches is not only a catharsis, but an exploration. Through it he comes to examine his own enigmatic characteristics more deeply than his classical Freudian training has allowed. Spending seven years as an analysand, he did a first analysis in French and a second in English. "For most of the Quebec psychoanalysts trained in France like myself," he explains, "a second analysis became a popular thing to do. It is supposed to be the real one."

In his first novel, *L'Enfant dans le grenier,* Bigras explores a hidden "psychotic core" of repressed rage that, he says, exists in everyone. Joseph, the analysand-narrator, searches through his writing, dreams, and memories for an interpretation of the recurring symbol of a mad child abandoned in an attic. Ironically, the child rages, but is also dead. Through his painful recollections of the deaths of a Hungarian hired hand who worked on his father's Quebec farm, of the loyal workhorse Prince, and of his dog Smokey, Joseph reawakens his feelings of sorrow, abandonment, and rage. He comes to realize that the mad child represents the inexpressible anger he felt at the birth of his younger brother, Léon. One of eleven children, Joseph, at the age of 21 months, saw his mother completely absorbed in nursing Léon. Suddenly he knew he no longer existed for her. Years later he tells his analyst: "I don't know what has stopped me from killing her. I just don't know."

Perhaps Bigras's most poetic novel, *L'Enfant dans le grenier,* is written as a stream of consciousness where daydreams and nightmares intertwine with childhood memories and daily events taking place in France and Quebec. The novel recreates the experience of what it is like to be an analysand free-associating on the proverbial couch. Its associational coherence suggests that Bigras, as artist, still subscribes to the first commandment of psychoanalysis: Say anything that comes to mind. "I let myself go," he explains. "I write at random, just as it comes. It's a mix of memories of mine and situations and characters I invent. If I'm really moved I lose consciousness after a while. My hand writes and I don't know what's going on."

He likens the act of writing fiction to the playing he and his psychotic patients do together. It's like "living theatre," he explains: "I don't focus on what a patient's real story is. I prefer to play what's going on in the present, to invent together the story of his childhood as a first step."

He says this therapeutic approach has been



influenced by the work of Dr. D.W. Winnicott, English child psychiatrist and author of *Playing and Reality.* To initiate these playful exchanges, Bigras often takes his cue from a patient's body language. "For example," he says, "one of my psychotic patients is listening to a little bird outside. Why not! And then I start, 'Do you hear that little bird?' And he answers, 'Oh yes!' Or his gaze is completely in the distance, completely lost. 'Come back, oh, oh, come back,' I say. So you see, we're playing, and it often starts with

a signal coming from the body.''

Writing at home at night, Bigras might begin by listening for messages from his own body – from pains and blissful feelings. This tactic has resulted in a lot of experimental writing. ''For instance,'' he says, ''I've made up a lot of stories about my nose, my mouth, my cheeks, even my navel.''

Bigras finds the writing of fiction to be both gratifying and painful. He has experienced writer's block, but is usually able to reopen his creativity by elaborating upon and talking about the impasse with close friends, much as one would with an analyst. At other times as he writes, contradictory voices emerge that must be resolved. ''It doesn't work all the time,'' he says. ''I have a lot of writing I have destroyed. The effect is to put the fragmentary parts of oneself together, but it is not always successful. And it's the same with my patients, sometimes all you can do is to wait and see. You don't know. You're in the dark.''

This period of doubt, dark night of creativity, or, in the words of the English Romantic poet John Keats, ''negative capability'' is dramatized in Bigras's latest novel, *Ma vie, ma folie*. The anti-hero, a middle-aged

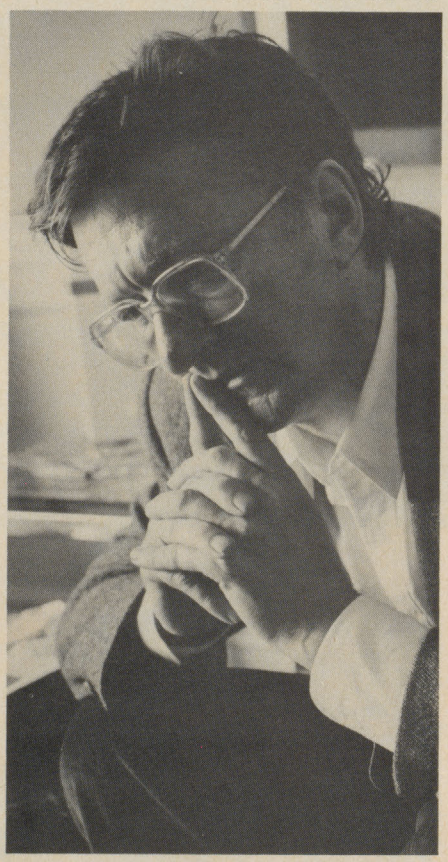


psychoanalyst, falls under the magnetic influence of a suicidal woman who speaks a primitive wolf language and suffers from the delusion that she is more lupine than human. Based in part on the aforementioned Marie, this patient warns her psychiatrist that she will either kill him or drive him mad. Struggling against his desire to conspire with her and go insane, he begins to speak her ''animal'' language and confides in her to such a degree that certain of his colleagues try to jeopardize his professional reputation. He further risks alienating his own family when he is compelled to bite two teenagers, one of whom is his own son.

As with the other novels, *Ma vie, ma folie* is a mix of autobiography and invention. ''I actually did bite my own son,'' Bigras explains. ''This had a most surprising effect. My son was so moved. He realized that something profound was happening between him and me. But I was scared to death.''

This bizarre event, which is fictionalized in the novel, occurred during a sailboat cruise on the Great Lakes. It was a period of intense creativity for Bigras: ''I was writing what I was living and that was frightening. I started writing like mad. The expression is to be taken literally; I was writing like mad. I was writing for six hours a day on that boat. It was so overwhelming that I started treating people around me like the characters in my novel.''

Bigras, who was able to write himself out of this all-consuming state, says it is the only time his literary preoccupations have verged on madness. It was during this turbulent period, however, that he composed the most powerful sections of *Ma vie, ma folie*. He sees a clear connection between creativity and madness. ''I call it madness when I am con-



vinced that the cause of my rage is coming from outside. In contrast, I am positively creative when my rage is worked through from the inside. These two states, nevertheless, come from the same source which I call 'infant sorrow.'''

Bigras says this term, which is the cornerstone of his theoretical work, was borrowed from the title of a William Blake poem. Lines from the poem describe a newborn child as ''Helpless, naked, piping loud: /Like a fiend hid in a cloud.'' Such helplessness, rage and sorrow occurs because a baby understands little of what goes on around him, primarily in his relationship with his mother.

In *L'Enfant dans le grenier,* Joseph comes to terms with his ''infant sorrow'' through his writing and his analytic sessions. Marie, on the other hand, who is convinced that people are trying to poison her, commits suicide. ''Her paranoid delusions,'' says Bigras, ''are the prototype of what it's like being convinced that suffering comes from outside. Vincent Van Gogh is a good example of someone who was both psychotic and creative. In a painting such as *Starry Night on the Rhône,* Van Gogh stood on the borderline between creativity and madness. He was profoundly tempted, at that point in his career, to reject his 'infant sorrow' outside of himself and go completely mad.''

Bigras, himself, is not afraid to walk that fine line between creativity and insanity. The ''enfant dans le grenier'' is not ultimately to be feared: ''Actually I was a healthy child,'' he says, ''very lively and with a good sense of humor. This is why I am not scared to let my madness express itself.''

Nor is he afraid in his fictional writings to depict the human frailty of that modern and



impassively virile authority figure, the psychoanalyst. ''When I was a child I was very robust. The more I am getting old, the more I feel fragile. The contradiction is that out of this fragility I am discovering my real strength. I am much more in tune with myself than ever before, even though I am more vulnerable. I no longer believe,'' he concludes, ''in those so called neutral psychoanalysts with their stainless steel egos.''□

Photos by Vivian Kellner

Pictures of a humanist

by Anne McLean



Edward Hillel by Vivian Kellner

It's a Montreal summer afternoon. The sun brightens a row of dusty hollyhocks on Esplanade Street, as children bicycle past the open door of photographer Edward Hillel's studio. Inside, photographs dry on fiberglass screens, while others lie stacked in dozens of boxes. Atop one pile, a serene, 114-year-old Mexican man grins toothlessly from a glossy print. The subject's detachment and serenity could be the photographer's. Such calmness is surprising considering that Hillel, BA'75, must assemble two photo exhibitions and complete a book by the end of this year.



Kacphu & Thieu, Cambodian Refugees, 1983



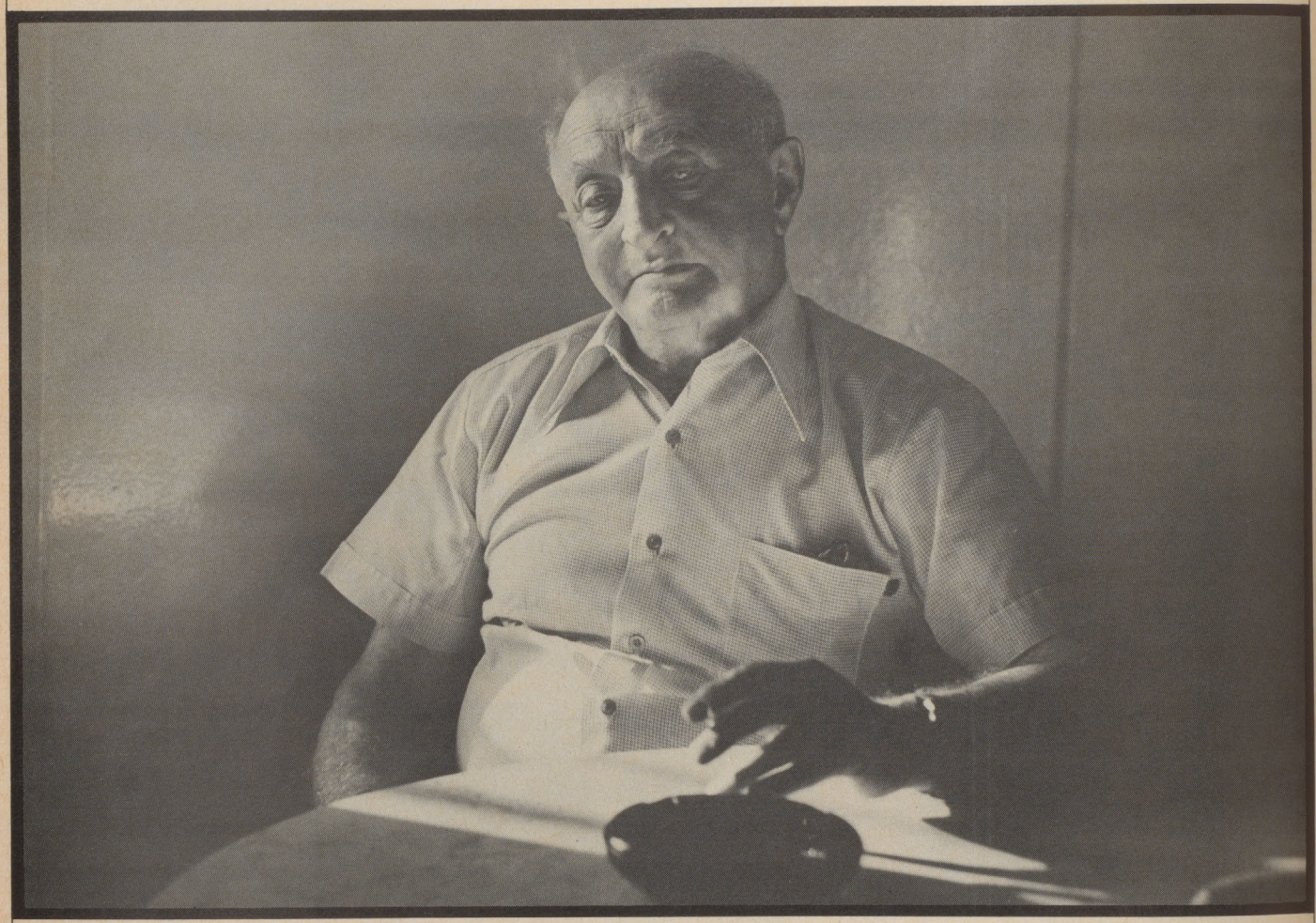
Photos by Edward Hillel

Butcher & Grocer, Montreal, 1981

"My motto," says Hillel, who will open a show of his photographs at Montreal's Saidye Bronfman Center on November 27, "is chaos on the outside, calm on the inside." Becoming a "hot item" in the photography world hasn't made his life any easier. In order to properly print and frame the exhibit, he still must raise some $4,000 to cover his costs. He faces this financial problem with the same wry acceptance expressed by the face of the 114-year-old man. This capacity to meet life head-on, with compassion and objectivity, also accounts for the power of Hillel's images.

An Iraqi Jew who came to Montreal in 1964, Hillel often documents those confrontations where an immigrant's inner world comes face to face with a strange, sometimes hostile, new environment. His photographs of Montreal capture the ingenuity, courage, and even the absurdity of people struggling to preserve their traditions in a seemingly traditionless country. His portraits penetrate beneath the cultural disguises and imagined "invisibility" of their subjects: a Greek tailor hides behind the Cyrillic lettering of his shop window; a Portuguese girl appears preoccupied with her elaborate costume; an Italian priest surrounds himself with the paraphernalia of religious ritual. At his best, Hillel would strip away the surface trappings of religion and culture to lay bare the human beings buried inside.

Displacement, insecurity, the search for shared human values: these themes underlie Hillel's work. This is a perspective one might not expect to find in a man barely 31 years old. Hillel, nevertheless, remembers growing up amid the turmoil and fear that often gripped the Baghdad Jewish community during periods of political unrest and nationalistic fervor. These childhood



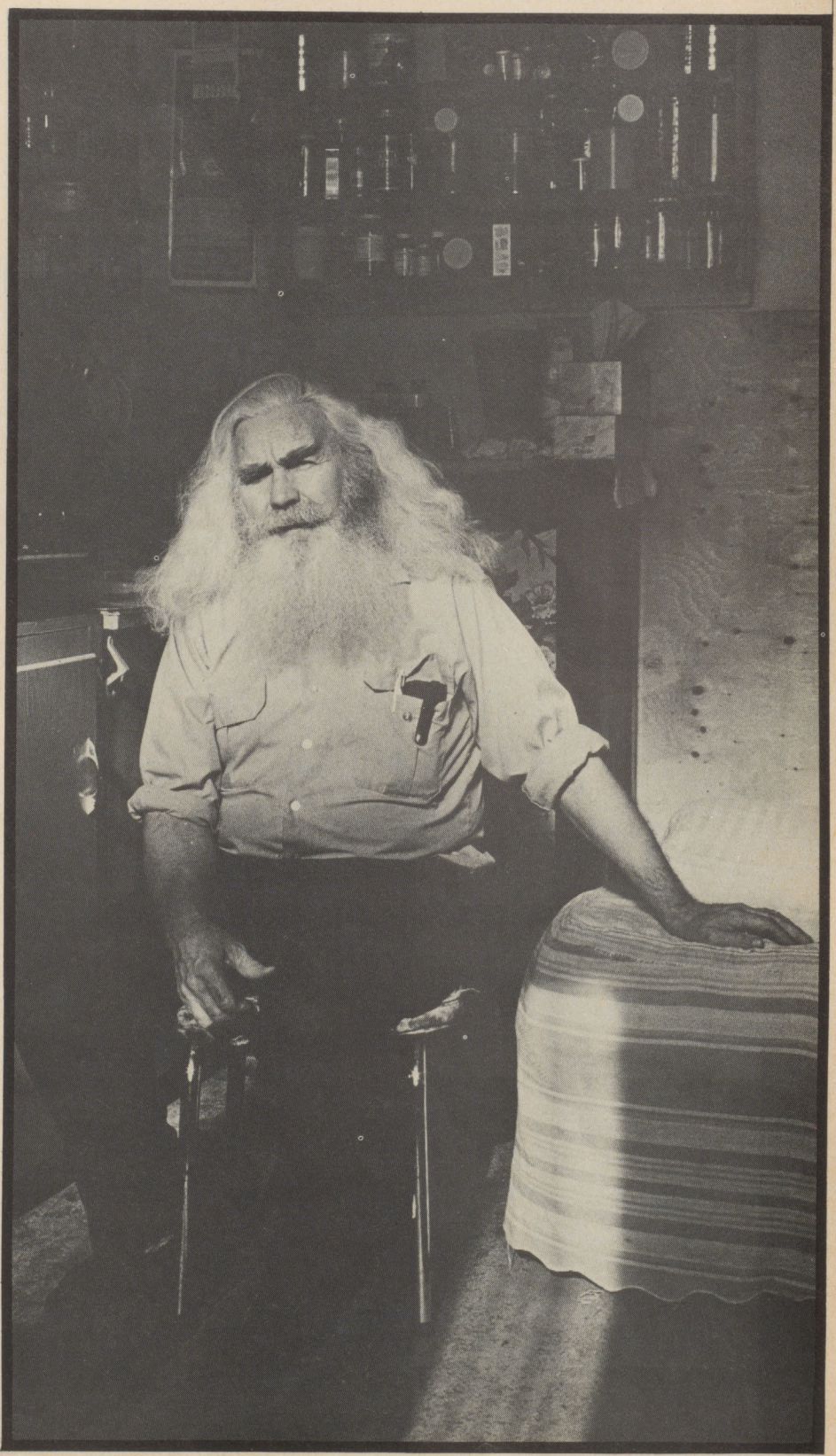
Chaim Kramer, Montreal, 1982

memories continue to sensitize him to the plight of threatened minorities and to the spiritual realities that hold communities together.

Nor is Hillel's approach as bleak as it might seem. Many of his images serve to celebrate what fascinates him the most – the vibrant meeting of diverse peoples that he sees in Montreal. "Montreal is a sort of laboratory for mixing cultures," he explains. "People come from everywhere and recreate their own traditions. There's a great vitality here. We have a world community that's probably one of the most tolerant anywhere."

"Anybody dealing in the arts," he continues, "has to have a humane vision of the world. I like the work of people such as Dorothea Lange and Walker Evans who started in the Depression Era. I've also been influenced by the European tradition, for example by Cartier-Bresson and André Kertesz. In my own photographs I'm interested in what *isn't* there; you might call that 'the soul.' For me, that's what a photograph has to bring out."

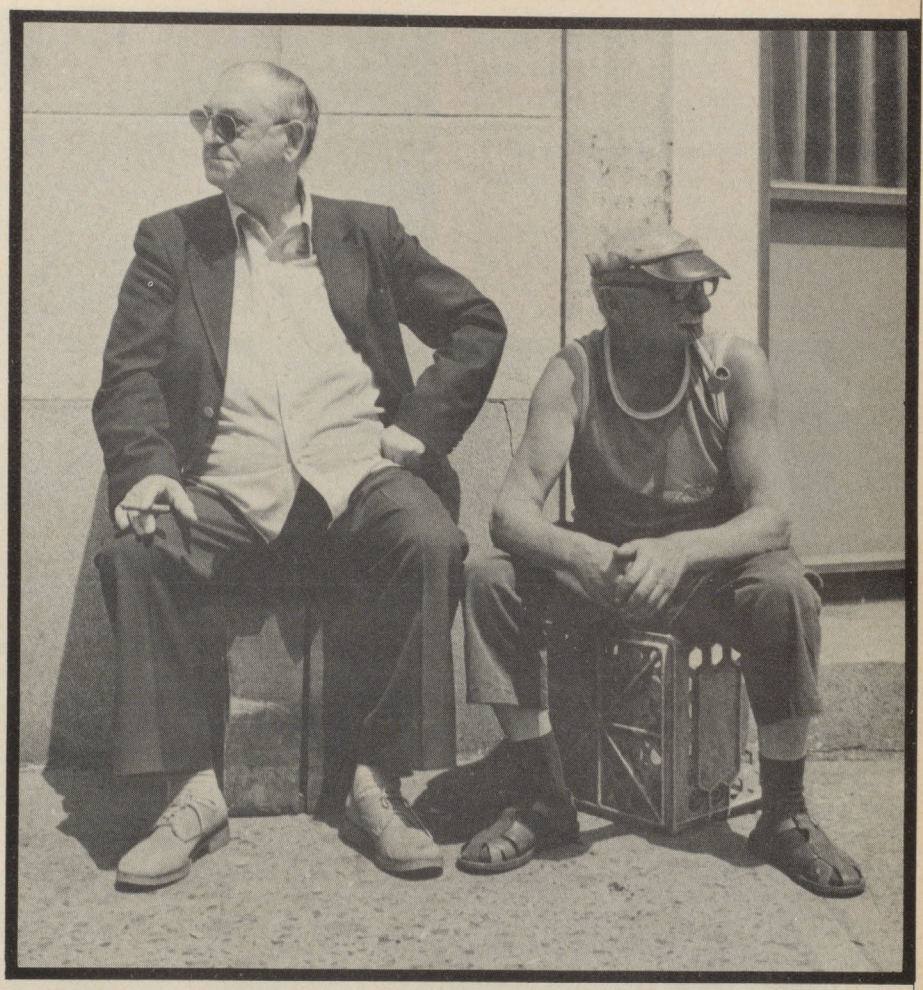
He is elated to have been asked by *Canadian Geographic* to do a photo essay on the Jews of Montreal. "It's the first time the magazine is using black and white photography," he explains. "This to me is a small victory. The thing about black and white is that it shows you the world as illusion. It's completely abstract; you're putting down this image on a two-dimensional piece of paper, and you still have to keep the spirit of what you're seeing. And the amazing thing is that it works. It's as if you'd removed the soul from its material casing. Your three-dimensional street has turned into a piece of paper without any color, without any movement, without its day-to-day reality – and yet it works, the essence is there."



Jean-Marcelin Longevin,
Montreal, 1980



Portuguese Fiesta de Santo Cruz, Montreal, 1982



Newspaper vendor & friend, Montreal, 1984

Last spring at Montreal's Galerie Samuel Lallouz, Hillel mounted a stunning exhibition of photographs called "Passages." Commissioned by Canadian Friends of Bar-Ilan University in Jerusalem, the show explored various aspects of Montreal Jewish life. "I was not looking at Canadian Jewish life in Montreal, but at the timeless traditions that can be found in every society where Jews have settled. In the personal, I was looking for the universal."

Hillel's next show, which opens at the Saidye Bronfman Center in late November, will focus on the multi-ethnic community living on and around St. Lawrence Boulevard. Well-known for its ethnic food shops, garment factories, and cut-rate clothing outlets, "The Main," as it is often called, has been an important point of arrival and departure for Montreal immigrants. The exhibit will include photographs of Portuguese religious festivals, Italian street processions, Greek Easter celebrations, as well as rare shots of Montreal's Hassidic community. Certain of these photos will appear as well in a book that is nearing completion: "Using personal accounts, interviews, and my own short stories, I plan to weave together a visual and literary poem," explains Hillel, "in order to present a human portrait of life on the Main."

Hillel is also excited about a new series of photographs taken during recent trips to Jamaica and the Dominican Republic. Some of the most moving ones resulted from time spent in Spanish Town, a rural ghetto near Kingston, Jamaica. "It's a powerful experience to parachute into a human colony like that, which is so entrenched in its daily life, always dealing with tragedy and poverty – and to walk into it and be accepted in every way. It's only happened to me two or three



Mr. & Mrs. Ross,
Montreal, 1982



Chinese woman,
Montreal, 1980

times in my life,'' Hillel says. ''I consider myself lucky.''

''You're not going there as a social worker or a tourist. You don't even go 'to take photographs.' You just go. In situations like that I often end up not taking photos. In fact I only took a few in the Caribbean, but the ones I did take were the result of deep feelings, of our finding something in common. You might be in a foreign place, yet recognize a part of yourself there. When that happens you feel that the camera is no longer a weapon.''

Hillel's intense, often highly personal approach sometimes places him outside what is considered mainstream. He is, nevertheless, aware of current themes and ''issues'' affecting photography, including those that address the threat of a nuclear holocaust. A series of his photos depicting anti-nuclear demonstrations that took place in Seabrook, New Hampshire in 1979 is currently appearing in ''The Anti-Nuke Show.'' Organized by Montreal's Powerhouse Gallery, this group exhibition will tour Canada in 1985. ''This is the nuclear age,'' says Hillel. ''It's the responsibility of art to make us realize how serious this is. I'm not interested in destruction. There's even destruction inside the peace movement. I don't think art is in a position to stop any of that.''

Continuing to maintain the sane, humanistic approach that is the hallmark of his photography, Hillel concludes: ''Artists are privileged in the sense that they can survive by making their emotions public. This is a task no bigger or smaller than any other. Artists are just a part of society. They're not saints or gods.''□

SOCIETY ACTIVITIES

by Gavin Ross,
Executive Director of
the Graduates' Society

Hail and Farewell

At its annual general meeting, held at the St. James's Club in Montreal on September 20, the Graduates' Society elected the entire slate of officers presented by the nominating committee and printed in the Spring '84 issue of the *McGill News*. One of these candidates, Edward Cleather, BA'51, was unanimously chosen as president of the Graduates' Society. He succeeds Carlyle Johnston, BA'50, BCL'53, and will serve a two-year term.

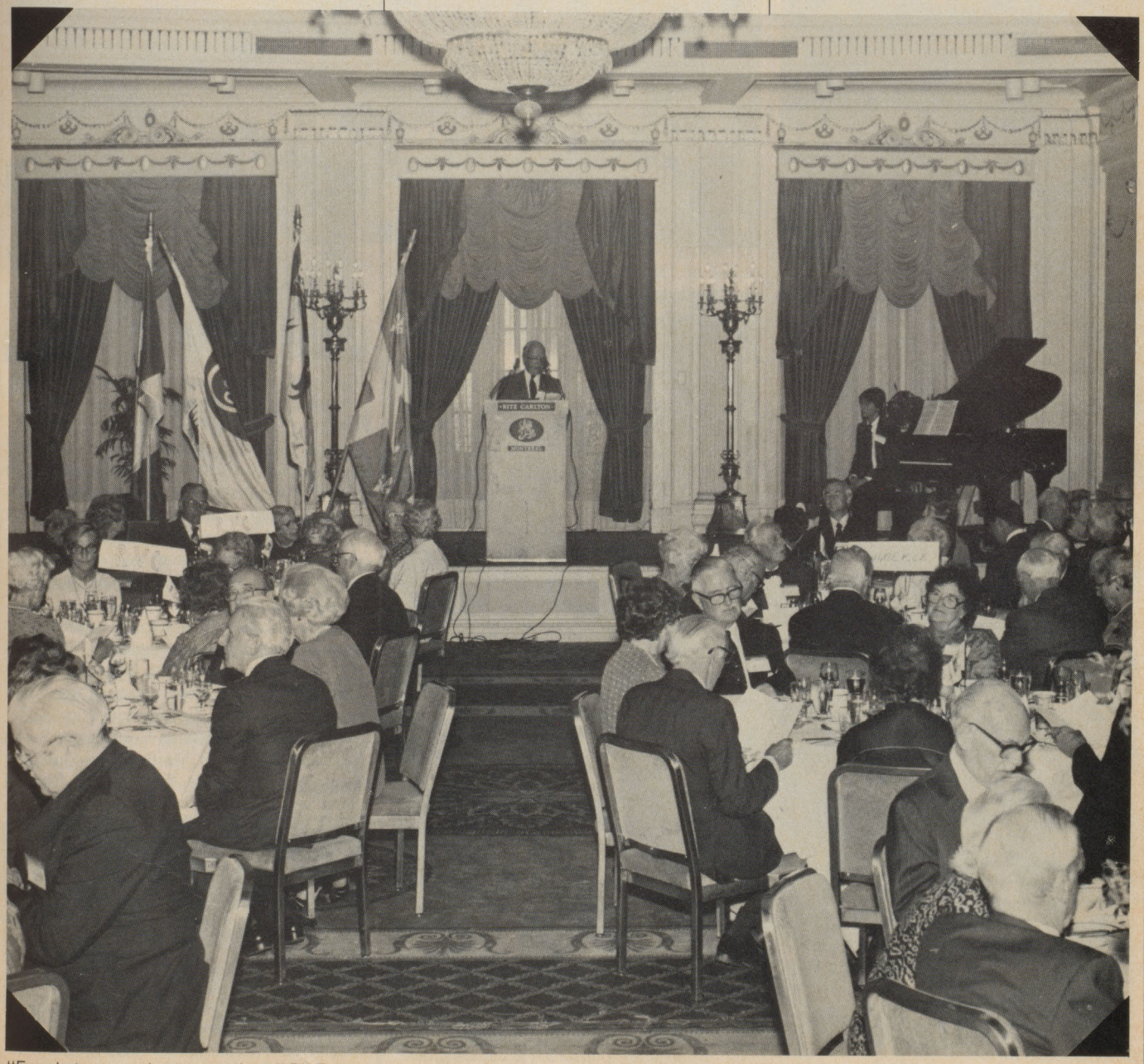
Cleather is executive vice-president and secretary-treasurer of Guardian Trustco Inc. He serves on the boards of two Montreal-area hospitals and the Montreal Symphony Orchestra. He is a past chairman of Lower Canada College and is involved in many other areas of the community.

Cleather, in his tribute to outgoing President Johnston, mentioned that he was the first Graduates' Society president to have served a two-year term. He cited the many hours that Johnston and his executive spent on Graduates' Society work, especially during the period of many staff changes at Martlet House. He also praised Johnston's service as past chairman of the Alma Mater Fund and as class agent for Law'53. Cleather presented Johnston with an engraved crystal decanter as a token of the Society's appreciation of his service.

Also elected at the annual meeting was David H. Laidley, CA, BCom'67, as vice-president. David is a partner in the accounting firm of Touche Ross and Co. He has served as treasurer of the Graduates' Society, and vice-president of the McGill Society of Montreal, and is currently chairman of the board of the Royal Victoria Hospital.

Margaret Davidson, BCom'52, was elected a graduate governor to serve for five years on McGill's Board of Governors. Her term starts January 1, 1985. She succeeds Douglas T. Bourke, BEng'49.

Elected honorary secretary and honorary treasurer were Joan McGuigan, BCom'55, and Rob Kerr, BSc'66, respectively. New directors include Jean François de Grandpré, BCL'70, Dr. Ross Hill, BSc'46, MD'48, Daniel Kingstone, Q.C., BA'53, BCL'56, Betsy A. Mitchell, BA'71, BCL'75, and Gail



Photos by Andrew Mitchell

"For what we are about to receive –" Bill Eakin says grace for the Class of '34.

(Eakin) Plant, BA'61.

Each year at its annual general meeting, the Society honors its graduates. This year's gold medal was presented to J. Taylor Kennedy, BEng'38, MEng'39. It was given in recognition of the special contributions Kennedy has made to the Society and to the university in his capacity as a member of the Board of Governors and chairman of the athletics board.

Honorary life membership in the Society



Principal David Johnston directs alumni through "Hail Alma Mater."

was presented to Joan Harrington, wife of Immediate Past-Chancellor Conrad Harrington, BA'33, BCL'36. In citing Mrs. Harrington, Honours and Awards Committee Chairman John Hallward, BA'50, pointed out that "While McGill was manifestly fortunate in having the outstanding qualities of Con Harrington in its Chancellor, it was doubly fortunate in the gracious, caring, unstinting manner in which his wife gave of herself so consistently on the university's behalf."

Receiving distinguished service awards were Rhoda Knaff, BA'52, MPS'54, of Washington, D.C.; Edith Aston-McCrimmon, DipPT'50, BSc'60, MSc'80, of Montreal; and Dan Amadori, CA, BCom'72, of Toronto. A special student service award was presented in absentia to Stephan von Cramon, BSc(AgrEc)'84, past president of the Macdonald College Students' Society.

Reunion '84

The annual general meeting was but one of many Reunion Weekend activities. Eighty classes from the years ending in 4 and 9 returned to Montreal to celebrate reunions. Highlights included the annual Leacock Luncheon with famous Canadian contralto, Maureen Forrester, as guest lecturer. For the 15th consecutive year, Don MacSween, BA'56, BCL'61, acted as moderator and, as usual, his was a tough act to follow. Much to the delight of more than 400 graduates and friends gathered in the Grand Salon of the Queen Elizabeth Hotel, Miss Forrester rose to the occasion and delivered an extremely witty "lecture."

Newly-elected Society President Ted Cleather and his wife, Joan, DipPOT'54, BSc(POT)'58, hosted a special reception at the University Club for members of the class of '59, returning for their 25th anniversary. Principal David Johnston and his wife, Sharon, were hosts at a 50th reunion dinner for nearly 200 members and spouses from the class of '34, while at the same time, in another hotel, Chancellor Jean de Grandpré and his wife, Hélène, presided at a dinner for members of the classes of '29, '24, '19, and '14.

Members of the classes of '39, '44, '49 and '54 attended a special reception in Redpath Hall during which the deans of our Faculties and directors of our schools were on hand to meet graduates and bring them up to date on the disciplines they followed as students. Members of the '79, '74, '69 and '64 classes



For good measure, Engineering '44 celebrates their 40th Reunion at the Faculty Club.



Flinging their thing, Queen's Pipe and Brass Bands sally forth at a pre-football game luncheon.

enjoyed a Faculty Club dinner dance.

All the above events took place on Friday, and those who had strength enough to continue on Saturday attended a special brunch at Bishop Mountain Hall prior to the McGill-Queen's football game. Also in attendance were Montreal-area graduates of Queen's, together with 120 members of the Queen's Pipe and Brass Bands, highland dancers and cheerleaders from both universities. Although the pre-game party was a great success the McGill Redmen, regrettably, ended up on the wrong end of a 59-30 score.

Saturday evening, there were many individual class parties as well as a special Reunion dinner for senior intercollegiate hockey players from the '30s, organized by Ken



Hilarity reigns at the Leacock Luncheon under the auspices of Chancellor Jean Grandpré, Maureen Forrester, and Donald MacSween.

Farmer, BCom'34. And on Sunday morning there was a good turnout for what is becoming a traditional annual event – Professor John Grew's organ recital at Redpath Hall. For those with remaining strength and stamina, there was a walking tour of Old Montreal climaxed by a closing luncheon at Gibby's in Youville Square.

The Graduates' Society wishes to acknowledge and thank members of Kappa Kappa Gamma Sorority and Sigma Chi Fraternity for the many hours of voluntary student assistance they provided over Reunion Weekend. Reunion Coordinator Susan Reid and the staff at Martlet House are now busily preparing for Reunion '85, which starts September 19th next year.



"Let us have wine and women, mirth and laughter (at the Leacock Luncheon), Sermons and soda water the day after."



Art Dickson pipes Chancellor de Grandpré and his graduate guests to dinner.

New Programs

A few years ago, the McGill Society of Montreal invited graduates in the Montreal area to participate in what was called the MATCH Program (McGill Alumni Too Can Help). Essentially, the idea was to involve graduates in voluntary work for the university, specifically in areas where budget restraints and cutbacks had taken their toll. MATCH's fundamental aim was to serve both the volunteer alumni and the university simultaneously. A significant number of graduates indicated an interest in this program, but for various reasons it was put "on hold." The idea, however, did not die. A committee consisting of graduate volunteers, faculty and staff refined MATCH and approached Principal Johnston, who was supportive and enthusiastic. The committee then examined a project undertaken by the University of Toronto Alumni Association that is specifically aimed at senior alumni in that metropolitan area. It offers its seniors a chance to attend a lecture series geared to their interests and an opportunity to do volunteer work for the university.

The McGill committee is currently discussing this idea with several of its faculties and departments. Before approaching graduates to ask for their help, MATCH feels that it must first define the requirements of the university. It is hoped this will be done during the fall semester.

The other new project being considered by the Society is a Student Alumni Association. This has proven successful in the United States and in other Canadian universities. The program will involve students on campus in alumni activities of benefit to them and the university as a whole. It is anticipated that students who work for the Alumni Office will become sympathetic with this effort. It is hoped that this interest in the university will continue after graduation. Basically, there is nothing new or magic about the idea – in many ways the Society has been doing it for years – but many new and exciting possibilities are being explored.

Both these programs are being coordinated by Alumni Relations Officer Gerry Ludwig, who will report on further developments in coming issues of the *McGill News*. □



Alumni Ron Harris performs for the Class of '34.



A graduate samples from a sumptuous smorgasboard at the Dean's Reception in Redpath Hall.



Hail and Farewell: Outgoing Graduate Society President Carlyle Johnston (left) passes on the gavel to his successor, Ted Cleather.



"Here's to our 50th!" The Class of '34 celebrates their Reunion.

McGill alumnae through the decades: part II

by Goldie Morgentaler

What follows is part two of a four part series of McGill alumnae profiles. In the portraits of two women graduating near the turn of the century, career hopes were dashed by choice or by circumstance. In the third, nevertheless, a distinguished member of Medicine '22, the first class to graduate women in that discipline from McGill, looks back on a lifetime of accomplishments.

'00
Harriet Brooks-Pitcher

Harriet Brooks was on her way to becoming a first-class physicist when in 1907, at age thirty-one, she married Frank Pitcher and gave up science in favor of raising a family.

She was born in Exeter, Ontario, in 1876 and received her BA from McGill, graduating in 1898 with the Anne Molson Gold Medal in Mathematics and Natural Philosophy (Physics). For a year after her graduation, she was on the staff of the Royal Victoria College as a non-resident tutor in mathematics. She then resumed her studies as a master's student in physics, working under the direction of the future Nobel laureate, Ernest Rutherford.

Rutherford seems to have had no objection to placing women on an equal footing with men in the laboratory. He took a personal interest in Brooks's career. He even acted as her mentor after she had graduated.

The relationship began when Rutherford chose Brooks and three other students from the undergraduate honors physics course to help him set up the Macdonald Physics Laboratory. Here he hoped to continue the research into radioactivity that he had begun in England. As a graduate student, Brooks worked with Rutherford to estimate the atomic weight of radium emanations by measuring the diffusion that is a characteristic of this gas.

Brooks received her MA in 1901 and left to pursue further study at Bryn Mawr College in Pennsylvania. Rutherford then informed her that she would be named co-author of a paper that was based on the results of research they had undertaken together. She protested that he was being too "generous" in giving such credit to someone who had only been his "humble assistant." Rutherford ignored her objections and published these findings under their two names.

It was on the strength of this paper that Brooks was awarded a scholarship to the Cavendish Laboratory in Cambridge to work with Sir Joseph J. Thomson. Rutherford personally made the arrangements for her admission, reception, and accommodation. While in England, Brooks discovered the recoil of the radioactive atom. This brilliant research effort led to the detection of several new radioactive elements.

Brooks returned to North America in 1904 and accepted an appointment in the physics department at Barnard College in New York City. In the winter of 1906-07, she again traveled to Europe, this time to work at the University of Paris (Sorbonne) under Madame Curie. On her return to Montreal in 1907, she decided to marry Frank Pitcher, an older man, who at the time was a demonstrator in the Macdonald Physics Building, a job he soon left for a position with the Montreal Water and Power Company. Rutherford expressed disapproval of the match. He had by this time left McGill for Manchester, England, and was annoyed when Brooks turned down his offer of a post there. Certainly from the scientific point of view, Rutherford's disapproval was fully justified, since Brooks gave up her career when she became Mrs. Pitcher. (Rutherford's biographer thinks that the physicist's misgivings were valid on the personal level as well, since Mrs. Pitcher came to lead "a not very happy life.")



Harriet Brooks-Pitcher

After her marriage, Brooks-Pitcher was known for her sociability, her love of literature and her talents as a gardener. Involved with the McGill Alumnae Society, she served as its vice-president in the early 1920s. She died after a long illness on April 17, 1932, at the age of fifty-six. Of her three children, only one lived to survive her.

Harriet Brooks is truly a "lost" woman. For all her brilliance and accomplishments, her name is almost totally forgotten. Ironically, hers is an oblivion that was seemingly self-willed.

'10s
Annie Macdonald-Langstaff

Annie Macdonald-Langstaff was the first woman to graduate with a law degree from McGill. Unlike the women who preceded her, whose battle for acceptance had been with the university administration, Macdonald-Langstaff encountered no difficulties from the Law Faculty. In her case, when the opposition came, it was made up of some of the most powerful legal, political and ecclesiastical elements in Quebec society.

Macdonald was the child of Scottish parents. She grew up in Ontario and at sixteen passed her senior matriculation exams. She moved to Montreal and, after a brief unhappy marriage, separated from her husband and went to work for the legal firm of Jacobs, Hall and Garneau in 1906. The work appealed to her, and she decided that she wanted to practise law on her own. In 1911, with the support of her employers, she applied for admission to the Faculty of Law.

Everything went smoothly. She was permitted to attend classes and graduated in 1914 with first class honors, a prize of $25.00, and an overall standing of fourth place. She was on the verge of becoming Quebec's first woman lawyer.

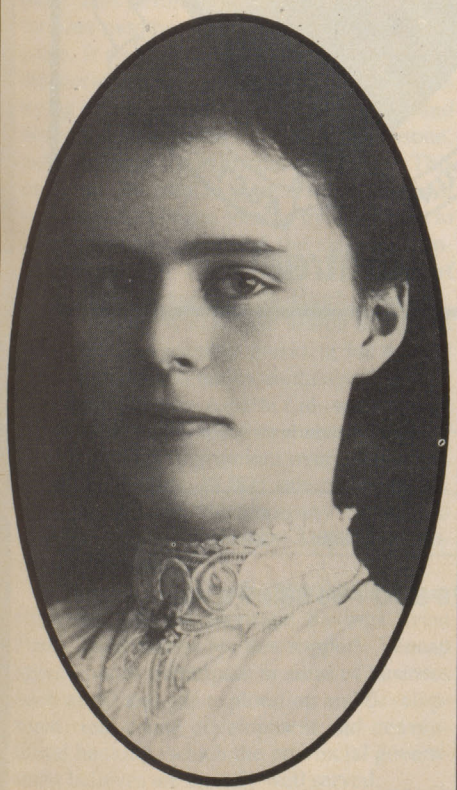
Macdonald-Langstaff had known when she applied to McGill that women were not permitted to practise law in the Province of

Quebec. Similar restrictions in Europe and other Canadian provinces had been removed. She was confident that Quebec would follow suit and admit her to the Bar.

Her confidence turned out to be sadly misplaced. Her application to take the preliminary bar exams was rejected on the grounds that she was a woman. She then petitioned the Superior Court for a writ of mandamus to show cause why the Quebec Bar should not be ordered to grant her request to take the exams. The petition was rejected. The Quebec Bar argued that it had an absolute right to decide whom to admit to the examinations and that Macdonald-Langstaff had neglected to obtain her husband's consent to take the exams.

In all her legal battles, the fact that Macdonald-Langstaff was separated from her husband, did not know his whereabouts, and was the sole support of her daughter became the focal point of the Court's decisions. In a province that did not grant divorce, nor allow women to enter into any contractual obligations without their husbands' written permission, Macdonald-Langstaff's marital status was added to the fact of her sex as a strike against her.

She appealed again, this time to the Court of King's Bench. Again she lost. In a three to one decision, the judges once more determined that women should not be allowed to practise law in the Province of Quebec. Macdonald-Langstaff's separation from her husband was again cited as a reason for rejecting her appeal. The judges claimed to be "protecting" her from the contempt of her husband and of the male sex in general.



Annie Macdonald-Longstaff

Sam Jacobs, Macdonald-Langstaff's lawyer, who argued all her appeals, then attempted to attack the problem by trying to amend the discriminatory legislation itself. With the help of a colleague, he drafted the Cannon Bill for submission to the Quebec Legislative Assembly. The bill was defeated by a committee vote of seven to two.

Macdonald-Langstaff, her avenues of appeal exhausted, returned to work at her old firm and took up flying in her spare time. By the time the Bar Act was changed in 1941 to permit women to practise law in Quebec, the requirements for a law degree had also changed. Macdonald-Langstaff would have had to return to university for her BA degree and this she declined to do.

In 1965, aged seventy-eight, Macdonald-Langstaff retired from the firm. She died ten years later without ever having had the chance to practise law on her own, despite her degree and a long legal battle with the establishment.

'20s
Jessie Boyd-Scriver

Dr. Jessie Boyd-Scriver was a member of the first class to graduate women in Medicine from McGill. A member as well of the pediatrics staff of the university, she maintained a private practice in Montreal. In the 1950s she became the first woman to be appointed head of a hospital department, when the Royal Victoria Hospital named her pediatrician in charge. She has also been distinguished for her research into sickle cell anemia and for her contributions to prophylactic child care.

It was Boyd's father who suggested she go into medicine. This was during the First World War, when medical personnel were in great demand. The McGill Faculty of Medicine did not admit females at the time, so Boyd and three other women initially registered as part-time students in the BSc program. After the first year, McGill permitted them to stay on as full-fledged second-year medical students.

"I think we were an oddity," Boyd-Scriver recalls. "We tried not to do anything that would arouse antagonism. We watched our P's and Q's. But everybody was good to us."

Boyd graduated in 1922, winning the Wood Gold Medal and election to Alpha Omega Alpha, a medical honor society. She was immediately offered an internship in pediatrics at the Royal Victoria Hospital. She does not believe she encountered any discrimination on account of her sex. "I may have been too stupid to recognize it," she adds with a smile.

Today, at ninety years of age, Boyd-Scriver still maintains an active interest in the women's movement and is concerned with the problems facing young women who enter the medical profession. She believes that ways must be found, through the establishment of fellowships and day care facilities, to enable women to pursue medical training without shortchanging the needs of their families. This is based on Boyd-Scriver's own experience with the often conflicting demands of family and profession. The only answer, she claims, is to have expert household help. Moreover, when she was at home, she was able to call on junior doctors to replace her in case of emergencies.

With regard to medicine, Boyd-Scriver concludes that doctors must look at the whole picture of a patient's life. "You must know what is going on in the home in order to adequately look after a child. I think that doctors today are missing out by not making home visits, because you can't size up the atmosphere of a child's home from across the office desk." She also feels that with the medical system in Quebec, "No person need be without medical help at the present time. Under socialized medicine, serious or prolonged illness is no longer as financially devastating to people as it once was."

Since her retirement in 1967, Boyd-Scriver has turned her attention to writing. In 1979 she published a history of the Montreal Children's Hospital. She has also written essays on Maude Abbott and on the first women doctors at McGill and recently contributed an autobiographical piece to *A Fair Shake*, a book of essays by McGill women.

Boyd-Scriver still makes hospital rounds and keeps up with medical literature. Of all her accomplishments, she takes most pride in the gratitude of parents whose children she has helped. It is her greatest hope that "people think I did a decent job."□



Jessie Boyd-Scriver

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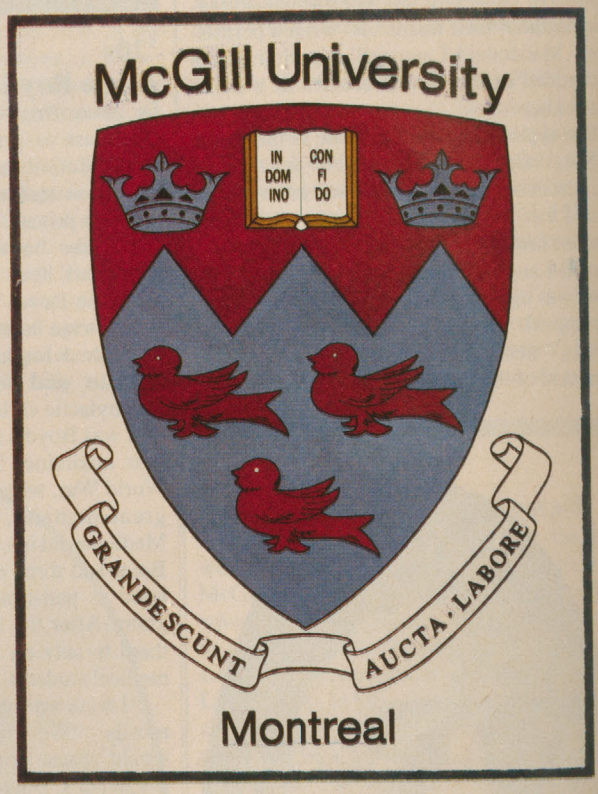
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FOCUS:

Derek Mather



When Derek Mather, BCom'54, was turned down for a job with the giant Canadian International Paper Company (CIP) after graduation, it never occurred to him that he would eventually found one of the largest venture capital pools in North America. Today, Mather is president of Vencap Equities Alberta Limited, with assets of almost a quarter of a billion dollars. Ironically, some years after CIP rejected his initial application for employment, Mather and a group of investors bought out some of the company's assets and established Tembec, which is now a highly successful firm in its own right. Working from this base, Mather has become a builder of Canadian companies.

Mather's experience in industry sensitized him to the need for venture capital investment. Joining the Sun Life Assurance investment department in 1954, he spent eight years with the company in Montreal and England before leaving in 1962 to found the Canadian Enterprise Development Corporation (CED). In early 1978, seconded by CED to Westmills Carpets in his home town of Calgary, Alberta, Mather succeeded in turning around this troubled CED-funded company. This posting, which was to have lasted for nine months, extended to two and a half years. It also led to Mather's involvement in the world of venture financing: "When I was trying to raise money for Westmills, I found one could raise money for oil or real estate, but not a dime for industrial companies. This gave me the idea to start a venture capital company. So I began Vencap by setting out to talk to certain banks and the steering committee set up by Alberta Minister of Economic Development Hugh Planche. When a Price Waterhouse search suggested my name as a possible president for them, I guess Vencap was not too surprised."

Vencap Equities Alberta Ltd. was born on October 12, 1983, when its shares opened for trading at a 100% premium over issue price. There were some 42,000 subscribers to the initial issue, and the company capitalized with $44 million of common shares and convertible debentures.

Vencap also received a $200 million loan from the Alberta Heritage Savings Trust Fund. In exchange for this support, Vencap agreed not to participate in areas of business such as oil and gas exploration and development, real estate development and conventional banking, which the provincial government believes are already well served.

Mather sees Vencap's role as attracting new businesses to Alberta. Vencap does not seek to control or manage the companies it funds. It prefers to invest on a minority basis and assist competent entrepreneur-managers in achieving worthwhile goals, often with the aid of outside investors.

Mather forecasts an ambitious future for Vencap: "Our central task in the next few years is to build several major corporations that would not otherwise exist or have achieved outstanding promise without Vencap's help. Our business is building sound companies. It takes time for a successful enterprise to emerge and failures often precede successes. But if we do our job well, then the eventual gains will far outweigh the earlier losses, and the shareholder will have an excellent return on the risk portion of his holding."

As a venture capital company, Vencap is unique in that its builders have structured the company so that in the typically barren early years there will be a flow of revenue to provide reserves for losses and to permit some build-up in shareholders' net asset value.

Vencap seeks the potential for substantial growth in the firms that it backs. This does not mean, however, that Vencap is interested only in making investments in excess of $1 million, Mather says. "We are prepared to consider smaller initial investments providing we can be satisfied that there is potential for substantial growth. We especially are prepared to help start new Alberta companies having prospects for substantial growth; to support existing ones needing additional equity capital in order to finance attractive growth plans; to assist competent management to acquire Alberta companies whose present owners wish to sell; and to invest outside Alberta in ventures which, if they succeed, will in some significant way enhance Alberta's economic future."

Vencap's first funded venture, P.T.I. Holdings Ltd., is a Peace River-based company that received $3 million to develop its existing market potential for industrial catering, camp leasing and manufacturing, and oil field and general heavy transport. For the most part, Vencap's advanced technology investments are in firms whose activities relate to Alberta's strengths – oil and gas exploration and development and agriculture. Mather sees Vencap's role as facilitating the development and importation of "class technology that can compete internationally."

Espousing a free-enterprise philosophy, Mather is an enthusiastic booster of the Alberta government, which he says "has the best blueprint I have ever seen for encouraging sound, long-term corporate growth. They do what governments the world over should do. They set the environment and then sit back and wait. Most governments meddle in various ways. Venture capital and entrepreneurs die in climates where governments meddle. They thrive where the politics of self-reliance exist, and the best thing Alberta has going for it is this tradition of self-reliance."

Mather believes his views might not sit too well with his favorite McGill professor, Jack Weldon. Despite their political differences, Mather insists that the training he received at McGill has been invaluable to him. Of Weldon, he concedes, "Although I can't stand his politics, I never had a better teacher."

Hawley Black□

FOCUS:

Steve Holt



David Rosen

Downbeat, America's premiere jazz magazine, says that Steve Holt, BMusic'81, could be Canada's next big jazz piano export, following in the footsteps of internationally-acclaimed musicians like Oscar Peterson. Such rapid recognition speaks well for the training McGill's first jazz performance graduate received from the Faculty of Music.

"I was the first student who managed to squeak through as a jazz major at McGill. And that was only because I was an experiment. The program has changed vastly since I graduated. It was an *ad hoc* course for me," says Holt, who has been a jazz improvisation instructor at the Faculty of Music since 1981.

Holt's reaction to the *Downbeat* review of his first recording, *The Lion's Eyes* (Plug Records), is typical of the quiet-spoken 30-year-old musician. "You can't take all of that too seriously. What they mean is that I will move away from Montreal, make lots of money, and not be heard from again," he says.

Jazz musicians are looked on as funny people who stay up late and party a lot, says Holt. Even classical musicians don't think jazz musicians really know anything about music, a judgement belied by Holt's musical experience and academic training. His first contact with the piano was at the age of four. He nevertheless remained a self-taught pianist until, at age twenty-two, he began formal studies at McGill.

"I became interested in jazz in my late teens. Most jazz musicians start out in jazz, and then move over to jazz-rock or crossover music. I did it the other way 'round. You might say I came in by the back door," says Holt, who has been a professional musician since the age of seventeen.

Jazz improvisation is not the magical process many people seem to think it is. Holt would compare it to writing poetry. "Before you begin to write poetry, you have to learn the language. Then you become acquainted with the various poets. Eventually, you are encouraged to write your own poems. It is the same with jazz improvisation. You can't teach someone to write original poetry, or to improvise. You can only take them so far, then throw them out of the airplane – with a parachute," he adds with a smile.

One of the bugbears of all jazz pianists is the unreliability of the instruments they use in performance. "Every other musician gets to bring his own instrument onto the bandstand. Not so the piano player. His piano stays in his living room. A bass player can go out and spend $15,000 on his instrument and bring it to the gig that night. Even if I get to play on good pianos, they aren't the one I am used to. If this happened to a horn player, he would flip," claims Holt.

Holt's assessment of the Montreal jazz scene is generally positive: "The atmosphere among the musicians is good. They are eager to hear new talent and to give people a chance to play. Of course, the club scene could be better; there aren't enough clubs, and those that exist don't come up to the standards they might," he says. Still, "Some of my great musical heroes live here – people like Jean Beaudet and Oliver Jones. This is really a good piano town. On the other hand, business can be slow for me because there are only so many gigs to go around," he says.

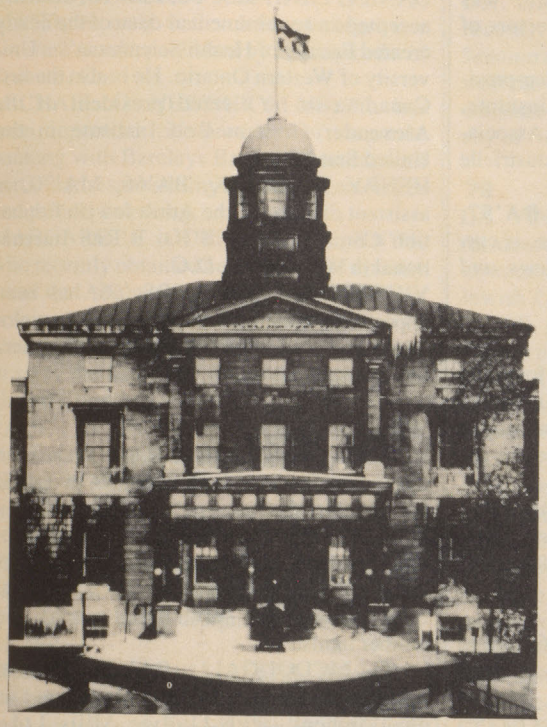
While studying at McGill with Armas Maiste, BMus'72, who was then the Montreal Symphony Orchestra's resident pianist, Holt travelled once a month to New York City to train with jazz pianist Kenny Barron. It is obvious from Holt's enthusiasm that Barron is one of his great musical influences. "Just to be with Kenny was an education. We would spend the afternoons talking, listening to records, playing and drinking cognac. Then I would go and listen to him perform with bassist Ron Carter. They'd demonstrate all the things we had talked about in the lesson," says Holt.

Holt used to do considerable work in the advertising field. "Jingles – radio and television commercials – are a whole skill in themselves. You have to go into the studio and get it right the first time. It's a mechanical business. There are a lot of musicians who can do the job, but the decision as to who gets the work often depends on extraneous circumstances."

What does Holt do when he is not playing and teaching jazz? "I'm a financial analyst. I manage a few stock portfolios. Often when I get home at 4 a.m. I log onto the Dow Jones service with my IBM computer. That is my other keyboard. I can make a fair bit of money doing this, not only with my own investments in the market, but with other people's," Holt continues. "Just to switch hats is such a trip. It's a different kind of improvising." *Simon Twiston Davies* □

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WHERE THEY ARE AND WHAT THEY'RE DOING

'36

VIOLET ARCHER, BMus'36, was chosen composer of the year by the Canadian Music Council in March and received the Order of Canada in April 1984.

'37

EVANS B. REID, BSc'37, PhD'40, retired chairman of the chemistry department at Colby College, Waterville, Me., recently has had exhibitions of his art work at the Art Center of Ogunquit and the Harlow Gallery in Hallowell.

'38

W. GRANT HORSEY, BCom'38, has been elected honorary chairman of D.R.G. Inc.

'39

JAMES N. GRASSBY, BEng'39, MEng'40, is chairman of the United Appeal in Sudbury, Ont.

'41

STEWART E. JAMIESON, BEng'41, has joined the board of directors of Cruiser Minerals Ltd., Vancouver, B.C.

'43

A. J. DE GRANDPRÉ, BCL'43, Hon.LLD'81, has been appointed to the board of directors of Sun Life Assurance Company of Canada.

R. G. E. MURRAY, MD'43, was awarded the Flavelle Medal of the Royal Society of Canada for contributions to biological science in May 1984 and in June was appointed professor emeritus at the University of Western Ontario.

'46

JAMES D. RAYMOND, BEng'46, has been appointed president of CEMP Investments Ltd., Montreal.

'47

LUC PARENT, BCL'47, has been named a judge of the trial division of the Federal Court of Canada.

'48

MARCEL JOYAL, BCL'48, has been named a judge of the trial division of the Federal Court of Canada.

J. S. MCKENDY, BA'48, who has been elected to the Vancouver Advisory Board of National Trust Company, Ltd., retired as a vice-president of National Trust in July.

'49

GRAHAM DENNIS, BA'49, has been named a member of the Order of Canada.

A. G. MCCAUGHEY, BCom'49, has been elected to the board of Toromont Industries, Ltd.

'50

GEORGE G. FLATER, BEng'50, has been appointed president and chief operating officer of British Columbia Forest Products Ltd.

JOHN H. WALSH, BEng'50, MEng'51, senior special advisor (Coal), Department of Energy, Mines and Resources, Canada, has been elected a fellow of the American Society for Metals.

'51

J. AIME F. DESAUTELS, BArch'51, recently retired as director of planning for the City of Montreal.

ALFRED POWIS, BCom'51, was invested as an officer of the Order of Canada in October.

WALTER C. STETHEM, BEng'51, has received the distinguished service award of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

'52

SENATOR E. LEO KOLBER, BA'49, BCL'52, has been appointed vice-chairman of CEMP Investments Ltd., Montreal, and has been elected to the board of directors of CJAD Inc., Montreal.

'53

GEORGE J. RIESZ, BA'53, is the executive director of Contra Costa County Hospital, Contra Costa County, Ca.

'54

AL SEAMAN, BEng'54, has been appointed external relations manager of Digital Equipment of Canada, Ltd., Kanata, Ont.

'55

MICHAEL KAYE, DipIntMed'55, BTh'82, head of the division of nephrology at the Montreal General Hospital, was appointed a member of their chaplaincy team in May 1984, a year after his ordination into the ministry of the United Church of Canada.

'56

ALLEN A. DESJARDINS, BEng'56, was appointed vice-president, operations, of Timminco, Ltd., with responsibility for the company's metal plants at Beauharnois, Que., and Haley, Ont.

JOHN C. KEATING, BEng'56, was recently elected vice-president, corporate affairs and planning, for ITT Canada Ltd., Toronto, Ont.

BRUCE LITTLE, BEng'56, was recently appointed executive vice-president of James Maclaren Industries Inc.

CLIFFORD S. MALONE, BCL'56, has been appointed president and chief executive officer and a director of Wabasso Inc.

W. JOHN MOFFATT, BEng'56, has been promoted to vice-president, specialty chemicals, at Hercules Canada Inc., Toronto, Ont.

'57

ROBERT CALDER, BEng'57, vice-president and general manager of Waterville Cellular Products Ltd., is the first Quebecer to serve as chairman of the 32-year old Auto Parts Manufacturers' Association of Canada.

JOHN D. THOMPSON, BEng'57, has been nominated to the board of directors of La Groupe SGF.

'59

JACK COHEN, BSc'55, MDCM'59, recently obtained a BA in honors history, with distinction, from Concordia University, Montreal.

JOHN UDD, BEng'59, MEng'60, PhD'70, was recently appointed director, mining research laboratories, at the Canada Centre for Mineral and Energy Technology.

'60

MICHAEL D. SOPKO, BEng'60, MEng'61, is the new president of Inco Ltd.'s Ontario division, based in Sudbury.

PETER G. WHITE, BA'60, is a member of the board of directors of Donohue, Inc.

'61

PIERRE Y. DUCROS, BEng'61, was recently elected to the board of directors of Unigesco, Inc.

DR. TOBY GILSIG, BEng'61, vice-president of Hydro-Québec's Research Institute, has been appointed chairman of the Association des directeurs de recherche industrielle du Québec.

MORTIMER ZUCKERMAN, BA'57, BCL'61, owner of *Atlantic* magazine, is currently negotiating to buy *U.S. News and World Report*.

'62

FRED C. DRURY, BEng'62, is a founding partner and executive vice-president of ECONEX, Inc., Wheaton, Ill., the largest distributor of commercial explosives in the United States.

N. E. FLORAKAS, BEng'62, has been appointed vice-president, Masterfeeds Division, of Maple Leaf Mills Ltd., London, Ont.

'63

ROGER E. GAWNE, BCom'63, was recently appointed vice-president and general manager of Plough Canada Inc., Mississauga, Ont.

BARRY HULL, BEng'63, is president and chief operating officer of Comterm, Inc., Pointe Claire, Que.

NICHOLAS KAUSER, BEng'63, was named vice-president, engineering, of Cantel Cellular Radio Group Inc., Montreal.

PHANOR L. PEROT, Jr., DipNeurosurgery'61, PhD'63, professor and chairman of the department of neurological surgery, Medical University of South Carolina, has been appointed to a four-year term on the National Advisory Neurological and Communicative Disorders and Stroke Council, Bethesda, Md.

F. DAVID RADLER, BCom'63, was recently appointed to the boards of directors of the Insurance Corporation of British Columbia and Commonwealth Construction Company Ltd.

'64

JOHN G. LASCHINGER, BSc'64, has been appointed president and chief operating officer of Dale and Co. Ltd., Toronto, Ont.

JAY SCHECTER, BSc'64, was recently appointed vice-president, finance, and treasurer of Joseph E. Seagram and Sons, Ltd.

'65

JOEL I. BELL, BA'62, BCL'65, has been appointed to the board of directors of Teleglobe Canada.

DAVID PTAK, BEng'65, was recently appointed senior vice-president, residential group, of Bramalea Ltd., Toronto, Ont.

VAIRA VIKAS-FREIBERGS, PhD'65, was recently appointed vice-chairman of the Science Council of Canada.

'66

DANIEL LING, MSc'66, PhD'68, recently accepted an appointment as dean of the newly created Faculty of Health Sciences at the University of Western Ontario. He is also the first Canadian to be elected president of the Alexander Graham Bell Institute in the United States.

HENRY SREBRNIK, BA'66, MA'70, is assistant director of the Adult Jewish Education Commission of B'Nai B'Rith International in Washington, D.C.

VICTOR A. TANAKA, BSc'66, has been appointed general manager, minerals exploration and acquisition, Canada, of Asamera Inc., Calgary, Alta.

'67

H. JONATHAN BIRKS, BA'67, has been elected to the board of directors of CJAD Inc., Montreal, Que.

E. V. DODGE, BEng'67, was appointed general manager, marketing and sales, Vancouver, B.C., for CP Rail Inc., with national responsibility for servicing the coal and lumber industries.

D. G. MCDOUGALL, BA'67, has been appointed vice-president, planning and development, with Ogilvie Mills Ltd., Montreal.

'68

BRIAN L. BARGE, MSc'68, PhD'72, has been appointed head of the newly-formed advanced technologies department, industrial and engineering research division of the Alberta Research Council, Calgary, Alta.

'69

ALAN HERSCOVICI, BA'69, will have two books published this autumn: *Second Nature: The Animal Rights Controversy*, published by the C.B.C., and *Tibetan Treasure*, a novel that will be published by Simon and Pierre.

DAN HILLEL, BCom'69, has joined Toronto Investment Management, Inc., as a vice-president and portfolio manager.

LORRAINE SMITH, BSc'69, has accepted the position of reference librarian at the Health Sciences Library of the University of Saskatchewan in Saskatoon.

PRAKMARD SUWANASING, MSc'69, chief, environment section, Department of Mineral Resources, Bangkok, Thailand, has been visiting mining and metallurgical establishments throughout North America during the spring and summer of 1984.

'70

BARRIE D. BIRKS, BA'70, has moved to Minneapolis, Minn., where he is overseeing Birks Company interests in the United States.

'71

M. GRANT BROWN, BEng'71, was recently appointed vice-president of Canadian Corporate Funding, Ltd.

ROBERT E. GALLANT, BEng'71, has been appointed vice-president and general manager of the Film Group of Hercules Canada Inc., Mississauga, Ont.

JULIUS H. GREY, BA'70, BCL'71, MA'73, recently had a book, *Immigration Law in Canada*, published by Butterworths of Toronto, Ont.

MICHAEL C. NEWBURY, MSc'71, has been appointed vice-president of corporate banking with Barclays Bank of Canada, with particular responsibility for natural resources and project financing.

MARGARET C. OUTERBRIDGE, BN'71, who recently obtained her master's of divinity from the Atlantic School of Theology, was ordained a minister of the United Church of Canada in May 1984 and has been appointed to serve the Cobequid Pastoral Charge of the United Church near Truro, N.S.

PAUL A. ROLLAND, BA'71, DipPubAcc'78, has been admitted as a partner in the firm of Mallette, Benoit, Boulanger, Rondeau & Associés, Chartered Accountants.

'72

PETER D. MACLEOD, BEng'72, was appointed director, design and construction, CN Hotels.

CHERYL CAMPBELL STEER, BCom'72, has been made a partner, financial planning and control, with Woods Gordon, Management Consultants.

JOYCE E. TAYLOR, BSc'72, has been named an associate of the Society of Actuaries.

'73

ROGER CLARKE, PhD'73, will become assistant director of the Countryside Commission for England and Wales, a body responsible for conserving the landscape and promoting public access to the countryside.

'74

DR. KENNETH C. CADIEN, BEng'74, MEng'77, assistant professor of materials engineering at Rensselaer Polytechnic Institute, Troy, N.Y., recently received a faculty development award from IBM.

MARK COUTURE, MD'74, recently began a fellowship in thoracic oncology at M.D. Anderson Hospital in Houston, Tx.

NICHOLAS J. ROBERT, MD'74, has been appointed clinical director of medical oncology at the New England Medical Center with joint appointments in the departments of therapeutic radiology and pathology, where he will pursue his chief research interests – the treatment of breast cancer and the use of hyperthermia in the treatment of cancer.

'75

ALLISON DOUPE, BSc'75, received her medical degree and a PhD in neurobiology from Harvard University this past June and is currently interning at the Massachusetts General Hospital in Boston, Mass.

SUSAN E. HERSHMAN, BA'75, has recently been promoted to director, new product development, for Joseph E. Seagram and Sons, Ltd., in Montreal.

GEORGE KACHANIWSKY, BEng'75, has left Mines Gaspé and has been appointed Metallurgical Superintendent at the Horne Smelter, Noranda, Que.

DR. SHERRYL KLEINMAN, BA'75, recently published *Equals Before God: Seminarians as Humanistic Professionals*, with the University of Chicago Press, and is assistant professor of sociology at the University of North Carolina, Chapel Hill.

'76

DR. VINCENZO F. DI NICOLA, BA'76, a resident in psychiatry at the Institute of Community and Family Psychiatry of the Jewish General Hospital, is an editor of the McGill journal, *Transcultural Psychiatric Research Review*.

Dr. SHARON HORLICK, BSc'76, is working at the Regional Children's Centre of the Windsor Western Hospital, Windsor, Ont.

DR. STEVEN PINKER, BA'76, has won the 1984 American Psychological Association Distinguished Scientific Award for an early career contribution to psychology in the area of human learning and cognition. Pinker, associate professor of psychology at the Massachusetts Institute of Technology, was cited for his studies on the mental perception of three-dimensional space and for his work on language acquisition.

STANLEY ROWEN, BA'76, has recently completed a master's degree in business administration at New York University and is currently managing institutional options portfolios at Balch, Hardy, and Scheinman, New York, N.Y.

RICHARD R. VISCARELLO Jr., BSc'76, received a doctor of medicine degree from Hahnemann University of Philadelphia, Pa., as well as the Hahnemann Hospital Association Award for overall academic excellence and the Obstetrics and Gynecology Award for meritorious achievements in obstetrics.

'77

LEYLA ALYANAK, BA'77, will be assuming a senior public relations position with the International Air Transport Association in Geneva, Switzerland.

BRIAN R. MILLS, BSc'77, is employed at Canadian Occidental Petroleum Corp. as a region geologist in the exploration department.

'78

KWONG L. MARK, MBA'78, has been appointed manager, planning and business development, at PanCanadian Petroleum Ltd., with responsibility for evaluation of new business opportunities and assisting in strategic planning.

WILLIAM McPHEE, BSc'75, LLB'78, has joined the strategic management consulting firm of Bain and Co. in Boston, Mass., as a consultant.

'79

T. GREG HAWKINS, MSc'79, vice-president of MPH Consulting Ltd, is responsible for exploration and evaluation consulting services in their Vancouver, B.C. office.

MARY JANE IAIA-MCPHEE, BA'76, LLB'79, has joined the Arthur D. Little organization in Boston, Mass., as a consultant specializing in financial industries.

DONALD CHARLES MANNING, BSc'79, was awarded the degree of doctor of philosophy from Johns Hopkins University, Baltimore, Md., at the May convocation.

'80

KENNETH ABRAMOVITCH, BSc'76, DDS'80, received a postdoctoral certificate in dental diagnostic science at the May convocation of the University of Texas Health Science Center in San Antonio.

SANDRA SCHRIDER EPSTEIN, BA'80, received a master of family therapy degree from the Graduate School of Hahnemann University, Philadelphia, Pa.

'82

TIMOTHY R. FORD, BA'82, is a planning technician with the City of Edmonton, Alta.

'84

RAFFI TOUMAYAN, BMus'84, will be studying in the master's program at the Gomidas Conservatory in Yerevan, Soviet Armenia. □

DEATHS

'12

RUBY R. WADLEIGH, BA'12, at West Vancouver, B.C., on February 24, 1984.

'13

BENJAMIN B. RICHARDSON, BSA'13, at Woodstock, Ont., on June 3, 1983.

'14

ANNA (WILLIAMS) SHEARMAN, BA'14, at Montreal, on September 9, 1984.

'21

JOHN F. CHISHOLM, BCL'21, at Ste. Anne de Bellevue, Que., on June 28, 1984.

CALVIN S. JELLY, BSc'21, at Toronto, Ont., on September 14, 1984.

KATHLEEN (GODWIN) TERROUX, BA'21, MSc'22, PhD'30, at Montreal, on July 31, 1984.

'22

STEPHANE BOILY, BSA'22, at Montreal, on August 1, 1984.

'24

ELEANOR (McTAGGART) ALLEN, DipPE'24, at Goderich, Ont., on June 22, 1984.

'26
AILEEN CRAWFORD, DipPE'26, at Punta Gorda, Fla., on June 8, 1984.

'27
LOUIS M. BLOOMFIELD, BA'27, at Jerusalem, Israel, on July 19, 1984.

'28
R. HAMPSON GILLEAN, BScArts'28, at Toronto, Ont., on June 29, 1984.
JOHN C. MACKENZIE, MD'28, DipPubHealth'47, at Hammond, La., on July 8, 1984.
GEORGE McLEOD TAIT, BSA'28, at St. Lambert, Que., on September 14, 1984.
FREDERICK B. TILTON, BCom'28, at Burlington, Ont., on August 4, 1984.

'29
CATHERINE (MACLEOD) DECHMAN, BHS'29, at Hamilton, Ont., on July 15, 1984.
LAWRENCE G. MARKS, BA'29, at Montreal, on August 8, 1984.
EILEEN McKYES, DipPE'29, at Montreal, on July 21, 1984.
HELEN E. WEBSTER, BA'29, at Montreal, on August 3, 1984.
MYRON S. WHELEN, PhD'29, at Wilmington, Del., on June 19, 1984.

'30
ANNE (MACFARLANE) BEATTIE, BA'30, BLS'31, at Tadoussac, Que., on August 2, 1984.
HARRY COVICY, DipPharm'30, at Montreal, on September 18, 1984.

'31
WILLIAM J. VEITCH, BCom'31, at Montreal, on July 1, 1984.
RAY G. WEBBER, BSA'31, at Halifax, N.S., on June 17, 1984.

'32
JAMES CORNEIL BINNIE, BA'29, BCL'32, at Lakefield, Ont., on August 16, 1984.
W. GORDON ROBERTS, BCom'32, at Montreal, on July 3, 1984.
E. DAVID SHERMAN, MD'32, at Montreal, on September 5, 1984.

'33
HAROLD C. BONNER, MD'33, at Tucson, Az., on July 15, 1984.
KATHARINE (SMITH) HUTCHISON, BA'33, at Calgary, Alta., on August 27, 1984.

'34
MICHAEL G. DOYLE, BEng'34, at Ottawa, Ont., on June 25, 1984.
GORDON B. LOOMIS, MD'34, at Sherbrooke, Que., on August 26, 1984.
HOLLIS A. RENTON, MD'34, at Alameda, Ca., on May 23, 1984.

'35
VERA (HART) ELKIN, BA'35, at Montreal, on June 22, 1984.
DONALD R. JACOB, MD'35, at Lincoln, Me., on March 31, 1984.

'36
KEITH A. BOOTH, BEng'36, at Ottawa, Ont., on September 20, 1984.
LEVON K. GARRON, MD'36, at Kanab, Ut., on May 5, 1984.
KENNETH HALLSWORTH, BSc'36, at Toronto, Ont., on September 8, 1984.
W. RONALD TAYLOR, MD'36, at Vancouver, B.C., on March 21, 1984.

'37
JUDITH (SEIDEL) SPIER, BA'37, MA'39, at Montreal, on September 8, 1984.

'38
O.N. HUGGARD, BSc'38, at Fredericton, N.B., in March 1984.

'39
CLEMENT L. DONOHUE, MD'39, at Caribou, Me., on July 2, 1984.

'40
NORMAN W. BENSON, BEng'40, at Montreal, on July 2, 1984.

'41
HAROLD GLEN LANGTON, BCL'41, at Edmonton, Alta., in August, 1984.

'43
HARRY STARR, BSc'41, MD'43, MSc'47, at Beaumont, Tx., on August 18, 1984.

'45
ANCEL U. BLAUSTEIN, BSc'42, MD'45, at New York, N.Y., on June 27, 1984.
EDWARD N. LAWAND, BA'45, at Fort Lauderdale, Fla., on August 7, 1984.
DAVID R. SHAPIRO, BSc'42, MD'45, at Newburgh, N.Y., on June 26, 1984.
F.RUSSELL YEOMAN, BArch'45, at Montreal, on March 16, 1984.

'46
CECIL E. MACDONALD, BEng'46, at Old Greenwich, Ct., on May 23, 1984.

'47
ROBERT V. DESAUTELS, BCom'47, at Newmarket, Ont., on August 3, 1984.

'48
J.W.R. MEADOWCROFT, BSc'48, MA'52, at Grand Manan, N.B., on August 22, 1984.

'50
MONA C. MERCIER, BSc'42, MD'50, at Montreal, on September 6, 1984.
TEKLA ELSE TAMMIST, BLS'50, at Montreal, on July 8, 1984.
ROBERT W. WILSON, BCom'50, at Montreal, on August 23, 1984.

'51
PAUL R. CROSSON, DDS'51, at Weyburn, Sask., on July 6, 1984.

'52
WILLIAM MARTEL, BEng'52, at St. Bruno, Que., on August 18, 1984.

'53
MICHAEL RICHARD PAZUR, BSc'53, at Ruthven, Ont., on May 16, 1984.
JAMES G. RIPLEY, BEng'53, at Toronto, Ont., on August 14, 1984.

'54
DR. PAUL PETER HELLER, LLM'54, at Auckland, N.Z., on August 9, 1980.
DOROTHY S. SMYTH, BLS'54, MLS'81, at Montreal, on April 28, 1984.

'55
EDWARD LLEWELLYN-THOMAS, MD'55, at Toronto, Ont., on July 5, 1984.

'56
JAMES BALLANTYNE DICK, BEng'56, MEng'63, at Sherbrooke, Que., on June 26, 1984.

'58
PAUL E. GOULET, BEng'58, at Charlesbourg, Que., on July 31, 1984.
LIESELOTTE WOLF, BN'58, at Toronto, Ont., on March 7, 1984.

'59
ANDREA (DALY) BELCOURT, BA'59, at Montreal, on June 25, 1984.

'64
MATTI J. PIRHONEN, BSc'64, at Stoney Creek, Ont., on August 9, 1984.

'67
KEVIN J. O'CONNELL, BEng'67, MEng'70, in Peru, on July 8, 1984.
CECILIA (UCHE) OMENUKOR, BN'67, at Enugu, Nigeria, in May, 1984.

'75
JOEL AMSEL, BSc'75, at Montreal, on August 25, 1984.
MALCOLM J. HEATON, MSc'75, PhD'78, in Alberta, on August 2, 1984.

'77
REV. WILLIAM E. BLACK, STM'77, at Cornwall, Ont., on September 18, 1984.
ANTONIO DI CIOCCO, BCL'77, at Montreal, on July 14, 1984.

'78
KEITH SCOTT SOKOLYK, BCom'78, at Toronto, Ont., on September 6, 1984.

'79
JOHN WILFRED DARCH, BA'79, at Montreal, on September 5, 1984.

'83
MARGARET ANN FURST, BEng'83, at Montreal, on August 3, 1984. □

Keep in touch!

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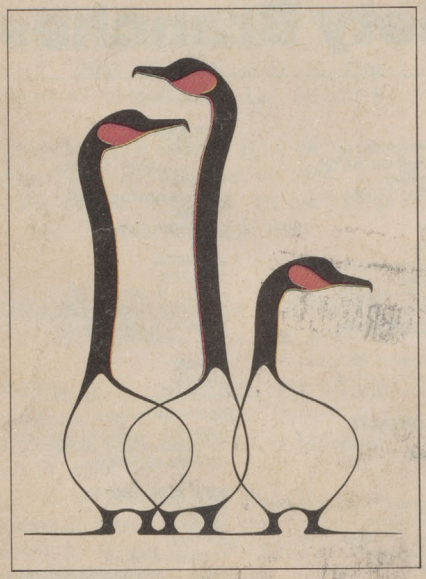
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Woodland Indian Artist

Benjamin Chee Chee

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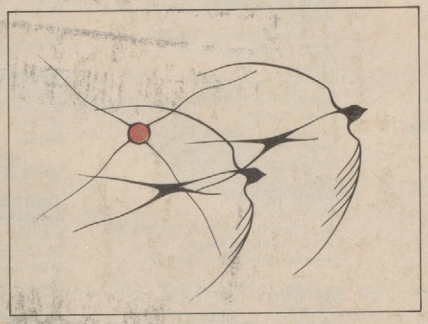
A Friends

A mainly self-taught artist, Chee Chee was a prominent member of the second generation of woodland Indian painters.

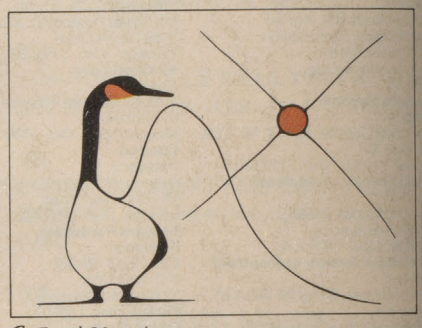
Unlike many of his contemporaries who employed direct and "primitive" means, Chee Chee's work was influenced by modern abstraction. His style reduced line and image in keeping with international modern art.

At the age of 32, at the height of his success, Chee Chee died tragically by suicide.

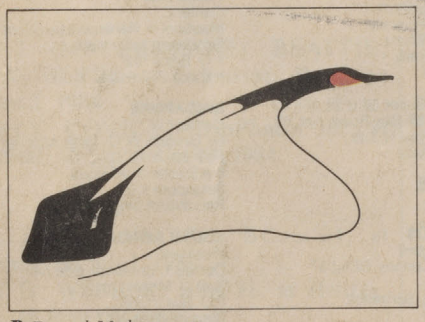
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D Proud Male



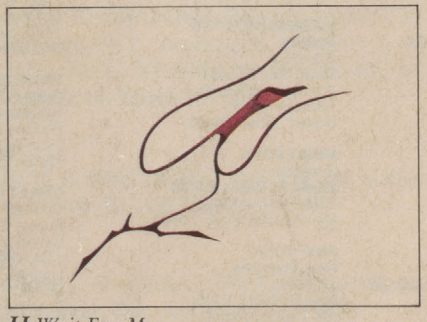
E Mother & Child



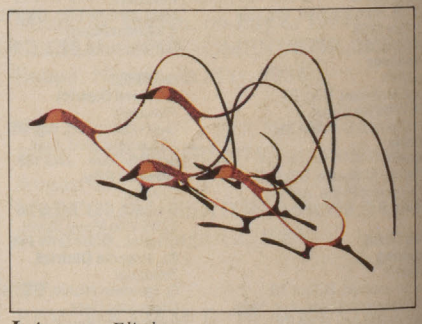
F Sun Bird



G Spring Flight



H Wait For Me



I Autumn Flight

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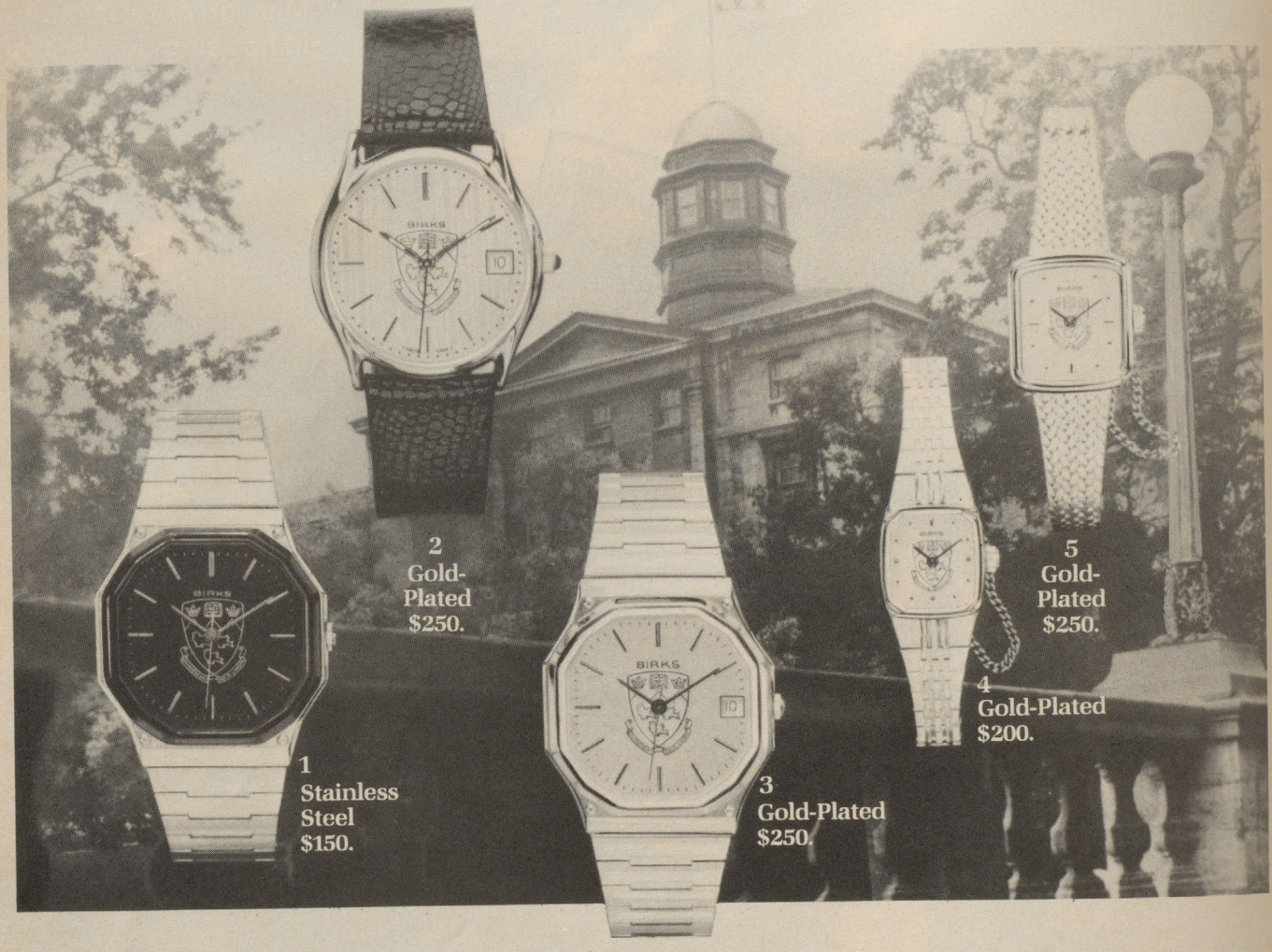
McGill News

Winter-Spring 1985

A McGill International Mission drew lessons in housing design from this Indian street.

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Volume 65, Number 2
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The official publication of the Graduates' Society, the *News* is sent without charge to all recent graduates and to all other graduates and friends who make annual contributions to McGill University.

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For information about advertising in *McGill News* contact the Advertising Coordinator, Mary McCutcheon, at (514) 392-4806.

Cover: This street in Kulkarni Ka Bhatta, a section of the city of Indore in the Indian state of Madhya Pradesh, was settled about 40 years ago. The photograph is one of a series taken last summer during a McGill International project (see page 16) by a field study team of the School of Architecture's Centre for Minimum Cost Housing. This neighbourhood demonstrates how people with low incomes have been able to build and organize their own living environment, with success.

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FEATURES

McGill alumnae through the decades: part III
by Anne Cimon

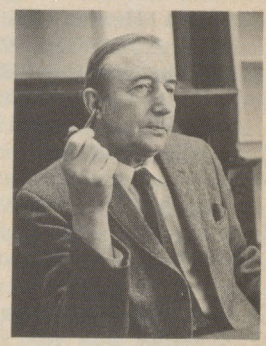
The third installment in this four-part series describes the careers of women who graduated in the decades before, during, and after the Second World War. Their university training prepared them for active roles in three very different fields.



8

A tribute to F. R. Scott (1899-1985)

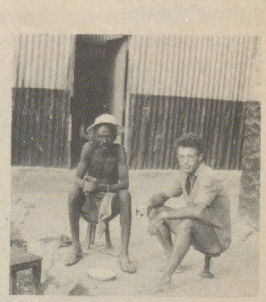
The late Professor Scott's multi-faceted personality is recollected in poems by his contemporaries that have been selected with the help of Professor of English Louis Dudek. Among them is one written a few days after Scott's death in January by a young Lebanese-born poet and a poem-epilogue by a Montreal poet-activist.



10

McGill International: sharing "development" with the third world
by M. J. McCutcheon

Since the summer of 1980, this office has coordinated the university's service missions on three continents. Through helping non-Western countries progress, exchange academics are finding renewed relevance in their disciplines.



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DEPARTMENTS

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LETTERS

Who done in Houdini?

I'm in the process of researching a magazine article and possible book on the last days of Harry Houdini. Thus, I'm trying to trace two of the students, Joselyn Gordon Whitehead and Jacques Isadore Price, who were in Houdini's dressing room at the Princess Theatre in Montreal in 1926 when the blow to the solar plexus was delivered that was said to have caused the magician's death shortly after that in Detroit. Houdini had boasted that he could withstand any blow, but apparently was not quite ready when tested.

I thought some former classmates of Whitehead or Price might be able to provide some clues as to whether either would still be alive, and if so, how they could be traced (neither graduated from McGill). If they are deceased, I would still like to find relatives or friends.

My information is rather scanty. Whitehead was born in Gurrock, Scotland in 1897 or 1899, and migrated to British Columbia. He was registered in Applied Sciences at McGill in 1920-22 and was in the Faculty of Arts in 1925-26 and part of the 1926-27 semester before dropping out shortly after the Houdini incident in October, 1926. Price was born in Preston, England and was, I believe, in the Science Faculty in 1926-27 and 1927-28. He was a member of the Sigma Alpha Mu fraternity. I'd be deeply appreciative if anyone with information of any kind on either Whitehead or Price dropped me a line: Don Bell, Post Office Box 806, Sutton, Quebec, J0E 2K0.

Don Bell, BCon'57

Editor's note:
Unfortunately the Graduates' Society has no current address for either of these men.

Setting it straight

Your article profiling me in your Fall 1984 issue was good in most respects. It erred, however, in giving me credit for two events that belong to others. I was not in any way involved in the establishment and building of Tembec which, as you point out, is a highly successful firm. The man who founded Tembec was the same person who competed successfully for the Canadian International Paper Company job for which I competed unsuccessfully. His name is George Petty, BCom'54, and his career would also make an excellent subject for a profile.

In the second place, I did not begin or found Vencap either. This was accomplished by a small group of Alberta businessmen headed by Mr. F. Newton Hughes. It was my good fortune to be selected to run the company, as its president.

I would appreciate it if you would publish this letter to set straight these important inaccuracies in what otherwise was a good article.

Derek H. Mather, BCom'54

Editor's note:
George Petty, BCom'54, is chairman of the board and chief executive officer, Repap Enterprises Inc., and serves voluntarily as chairman, Friends of McGill Hockey.

Torontonian strikes tents, treks north

Verily let it be scribed in thine histories that I, one Loren Hicks, an avid peruser of thine publication these many long years, hath stricken mine tents, and having embarked on an arduous and perilous trek, and having suffered grievous misfortune and all manner of vile pestilences along my chosen paths, hath duly arrived at my predestined terminus, and await my doom without apprehension only in the secure assurance that mine issues of *McGill News* wilt follow me to mine present abode. Or: I have moved. Two doors north. Mail to follow, please? Label below. Thanks.
Yours obfuscatorily,

Loren Hicks, BCom'77

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NEWSBREAK

The Board of Governors installed five new members on 21 January. The Graduates' Society nominee this year is **Margaret Davidson,** BCom'52, a former Society director, president of Montreal Investment Management Inc. and of the Centaur Theatre Company, and a director of the University Women's Club of Montreal and the Montreal Symphony Orchestra. Professors **Irwin Gopnik** and **Jagdish Handa** were elected by the Senate for terms ending 31 December 1987 and 1985, respectively.

The Board named two members at large to five-year terms: **Mrs. David M. Stewart** and **Edward P. Walsh.** Mrs. Stewart is president of the Macdonald Stewart Foundation, Chateau Dufresne Museum, and the Lake St. Louis Historical Society. An honorary colonel of the Queen's York Rangers, she is also a board member of Hôpital de l'Enfant-Jesus and les Amis de Jacques Cartier, and an officer-sister of the Venerable Order of St. John of Jerusalem. Mr. Walsh, BEng'46, of Quebec City, is president and chief executive officer of Donohue Inc. and holds posts in its many subsidiaries and in other pulp and paper companies and associations. He also belongs to the Professional Engineers of Quebec, the Engineering Institute of Canada and the Chamber of Commerce.

The McGill-Montreal Children's Hospital Learning Centre announces the arrival of its new director, **Dr. H. Gerry Taylor,** a pediatric neuropsychologist. He was assistant professor of pediatrics and psychology at the University of Pittsburgh and worked in their Children's Hospital. His research has focused on learning disabilities and neurological and attention deficit disorders.

NEWSBITS:

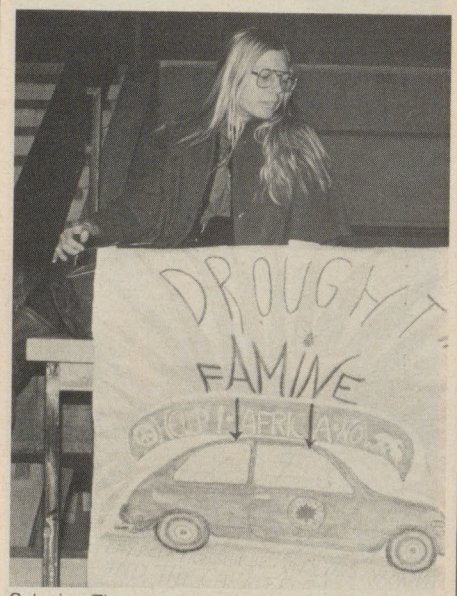
• Twenty-five meters of papers chronicling **McCord** family history from 1770 to 1930 will be inventoried at that museum's archives thanks to $55,025 from the Social Sciences and Humanities Research Council of Canada.

• The metal pollutant extraction system, known during its origins somewhat notoriously as the **Devoe-Holbein** process, has gone from McGill to Dorval where Devoe-Holbein Canada Inc., Research and Development, is installed. The former microbiology professors have joint ventures on three continents.

• "McGill has...the best overall **research funding** record in Canada," reports the Faculty of Graduate Studies and Research and, although ranking seventh in numbers, McGill staff, during the past three years, have attracted the second largest amount of federal research grants.

• **Frank Miller,** BEng'49, is premier of Ontario following the Progressive Conservative Party's 26 January election. A tentative date has been set for Miller to address the McGill Society of Toronto on 31 May. For more information call Mary Cape Usher-Jones at (416) 489-0750.

Senior grad student **Sylvaine Zimmerman** made the papers this winter when she decided to raise money for **African relief** by trying to dispose of her nine-year-old car for more than it was worth. The future oceanographer learned something of business law while carrying out her charitable act: consulting la Régie des loteries et courses du Québec at the last minute on the advice of a friend, she was informed that raffling without a permit is a "crime contre la société." Head of Investigations André Courtemanche supervised the draw, examined the cheques to see if they were made out to the charity, and declared



Sylvaine Zimmerman

the event according to Hoyle. Business administration student Roxanne Engel was the lucky winner while Development and Peace received $828.45.

Born 13 May, 1889 in Paris, pianist **Paul Loyonnet,** whose name still appears on the Faculty of Music list of active staff, has not rested on his laurels. In 1982 he received the "Chevalier de la Légion d'honneur" from France where he was based during his career as an international concert artist. That same year, his book *Paradoxes sur le pianiste* was published by Leméac. These "réflexions spirituelles" on a fascinating past were followed this January by an illustrated text on the correct physical and mental skills for piano playing, *Les Gestes et la pensée du pianiste,* Louise Courteau, Editrice (Verdun). Professor Loyonnet recently completed the manuscript for a third book, *Leçons d'histoire de la musique.* In 1983, Alexander Stanké of Vilnius Records produced a recording of his former teacher's performance, at the age of eighty, of


Paul Loyonnet

Alain Cornu

Beethoven's Sonatas, opus 109, 110 and 111. The nonagenarian, a widower who has a daughter in France and a son in San Francisco, still attends concerts and teaches at home.

The **Ski Team's** fifteenth annual equipment sale at the student Union last November was "so jam-packed we were too busy keeping track of inventory to count the people," says team treasurer Dean Foti. Undergraduate Jeff Stevenson, who directed the sale, was helped by members of the downhill and cross country teams including Louis Beauchenin, team captain and '83-'84 intercollegiate men's individual champ. The basis for the event is turning over members' used equipment. New ski goods, too, are obtained from retail stores that quote "good prices" and "who are starting to prepare for these sales." In the past five years, more and more city skiers have been attending the sale. Radio stations like CHOM and CKGM promo'd generously, and 5,000 flyers were posted. "It took two weeks to set up," says Dean, but the proceeds covered this season's transportation, race fees and hardware.

Owen Egan/McGill Daily


Gavin Ross

Thomas W. Bleezarde

Gavin Ross, director of the McGill Graduates' Society, has been elected chairman of District I of the Council for Advancement and Support of Education, known as CASE among the initiated who perform fund-raising, public relations and alumni coordination work for colleges and universities. He thinks it is the first time a Canadian university member has wielded the gavel. In January he and several Martlet House staff attended the District I annual assembly in Boston with more than 900 other Quebec, New England and Atlantic provinces delegates.

M. L. McCutcheon □

WHAT THE MARTLET HEARS

When I'm Elected: dark horse revue overcomes all odds

The ficticious hero of this winter's Red & White Revue, *When I'm Elected,* is Steve Baker. Played by Jeff Kadner, Steve is a McGill graduate who decides to run for a seat in Parliament and, against all odds, wins. Of course his uphill struggle to the top is eased by a little help from a former university kingmaker – the ghost of James McGill, and by Lady Luck herself.

In real life though, the fates weren't as kind to the trio of McGill students who teamed up to produce the November show. "We didn't have one thing going our way in two years," says co-writer and producer Remy Kawkabani, BCom'81, as he chronicles a series of setbacks that would have had Rodgers and Hammerstein reexamining their career strategy.

Perhaps the most overwhelming obstacle Kawkabani, co-writer Yona Shtern and musical arranger, lyricist and co-producer Steve Wood, BEng'82, had to overcome in their two-year struggle to mount the show was the popular notion that the Red & White was in decline. According to some, the Revue had deteriorated to little more than a variety show in recent years; while the dizzying success attained by the 1957 production, *My Fur Lady,* continued to cast a shadow over efforts to bring back the original musical comedy format.

"Nobody seemed to believe McGill students could successfully write and produce a Broadway musical any more," explains Kawkabani, lamenting the fact that there was no cadre of Red & White veterans to turn to for guidance and encouragement. "It would have helped a lot, if we could have turned to someone to read the script who could have told us what to do with it," the former football MVP (Most Valuable Player) says. "To a lot of people I was just some dumb jock who wouldn't be able to pull something like this off," Kawkabani adds admitting that to many, his trio appeared unlikely successors to the MacDermot-Macdonald-MacSween crown.

But these were the ones who completely underestimated Kawkabani's talent and determination. Graduating in September 1981, he returned as a special student with the dream of producing an original Red & White Revue. "I finished McGill feeling that I was missing something – that what I had experienced was not what university should be. So I decided when I came back that I was going to have some fun, even if I had to work hard to do it."

It was while working as associate producer and director of the 1982 Red & White that Kawkabani first met Wood, stage manager of the production, and Shtern, MC and "star of the show." Wood, Kawkabani and Shtern each submitted projects for the 1983 Revue. When Shtern's proposal was accepted, a mutual friend suggested that the three team up, which they did.



Pete Ryan

President Ray-gun a.k.a. Remy Kawkabani: "Too Hollywood to turn down."

Their first attempt to stage *When I'm Elected* was in the spring of 1983, "and what let us down then was the product," says Kawkabani, explaining that the original go-ahead had been based on four scenes that had been submitted to Dean of Students Robert Stevenson BA '49, BD '61, for approval. While managing to complete a script in six weeks, Shtern and Kawkabani had unintentionally missed a deadline, and the show was canceled.

"We decided to try again in September '83, but what let us down this time was the people. We had been given another chance to do the show on the condition a producer and director be appointed for us," explains Kawkabani. "We had overcome the problem of the production by then, but the person who'd been appointed to help left the show four weeks before it was to go on, so it was canceled again."

In January 1984, Dean Stevenson reluctantly withdrew his support of the trio. They were left with what they believed could be a hit, but without any official status or backing. "By February we'd hit rock bottom," says Kawkabani. "It looked as if a Red & White Revue was highly unlikely. At this point we seriously asked ourselves, 'What is it going to take to put on a successful show?' We realized that what we were missing most was good people behind the scenes to help us put it together."

Wood, Shtern, and Kawkabani then decided to involve more students in the project. They organized an information seminar featuring a slide show of McGill in the fifties with pictures of William Shatner, BCom'52, Galt MacDermot and others frolicking through such legendary shows as *My Fur Lady* and *Wry and Ginger.* "We figured if we couldn't attract the interest of the students, we would have to reconsider whether McGill really wanted an original Revue again," Kawkabani adds.

Fortunately for all concerned, this presentation was the turning point on the road to success. The thirty-five students in attendance became the nucleus that mounted the show eight months later. "That was the first piece of good fortune we'd had so far, and it really marked the beginning of a group effort that finally paid off," says Kawkabani. "Although putting on the Revue has always been a struggle, I don't think anyone had quite as much of a struggle as we did."

Another show is in the works for next year. Kawkabani hopes to offer its writers the kind of advice that could have benefited the authors of *When I'm Elected.* One thing he has learned is that topics such as elections and patronage can backfire if the timing goes wrong. "Having already written the story when Pierre Truceau resigned, we reworked the script on the premise that John Turner would remain Prime Minister. Then," says Kawkabani, "when Turner called an election we had to rework the script again."

Asked if he has any regrets about the last two years, Kawkabani admits to only one – that he never did get to see the show. He ended up on stage playing President Ray-gun instead. "At the last minute the guy who had the part of the President of the United States took a job, and the whole thing was just too Hollywood to turn down. I figured the show needed me, so I auditioned for the part and, believe me, in all my years of playing football I'd never been so scared." *Donna Flint* □

November reading consolidates Atwood's reputation



Vivian Kellner

Between autographs, Margaret Atwood greets Montreal fans at Paragraph Bookstore.

In celebration of the 100th anniversary of women at McGill, this fall's popular Literary Imagination Series, organized by the English department with the support of Consolidated-Bathurst Inc., welcomed five female speakers to campus. Prominert among them was the Canadian writer and critic Margaret Atwood, who read to a capacity crowd in the H. Noel Fieldhouse Auditorium on 12 November.

Earlier that day Atwood was on hand to autograph her books at Paragraph Bookstore, where she met with several McGill reporters. Here she described her own beginnings: "When I was in high school there weren't many careers open to women. One I was most interested in was home economist because they made the most money....As a child I did a lot of painting. I decided to be a writer when I was sixteen, but I can't really tell you why."

She also spoke about various influences on her work: science, the Bible (especially the Psalms), and the tradition of the poet as magician or conjurer. Calling herself a "multi-form" writer, Atwood has published ten books of poetry, four novels, and three collections of short fiction. Admittedly, she doesn't suffer writer's block: "When I have trouble with one form I switch to another," she explains. "People who have writer's block should try to write letters or copy out recipes."

Aside from her creative writing, Atwood is well-known, even infamous, for *Survival* – her "thematic guide to Canadian literature." She recently edited an Oxford University Press anthology, another major work that is helping to promote Canadian writing at home and abroad. She also contributes regularly to *The New York Times Book Review*.

The stereotypically "unfriendly" Atwood was not in evidence at The Literary Imagination lecture. The accommodating writer entertained her audience throughout the evening. Reading from a collection of "short fictions," some of which have several endings, she involved them in the imaginative process by encouraging them to "make your own" story from the available options.

Atwood also read from her most recent collection of poems entitled *Interlunar*. Among many things, this book attempts to explore the play between light and darkness:

and I take your hand, which is the shape a hand
would be if you existed truly.
I wish to show you the darkness
you are so afraid of.

Trust me. This darkness
is a place you can enter and be
as safe in as you are anywhere.

Humorous, stark, and at other times disturbingly realistic, Atwood as trickster captivated her audience. And although her protean public image could not be pinned down, her reputation as Canada's most influential writer was further "consolidated" at this McGill reading. *Peter O'Brien*□

Victorious McGill team cracks MBA Contest cases

Deadlines and decisions made under pressure are the realities of the business world. This was clear to MBA student team members Barry Lee D'Amour, Yves Cloutier, Danielle Poudrette and Greg Watson on the occasion of their winning the fourth annual MBA (Master of Business Administration) Case Competition held at Concordia University this past January. A civil engineer continuing his studies in finance, Cloutier explains it was "very tough, very high pressure. You don't have time to read the cases twice."

The four-day event involved teams from sixteen Canadian universities. It required participants to study four cases chosen by the MBA Association of Quebec. In the space of four hours, the students had to solve the problems in each given situation, as well as take part in an oral defense and a question period. Management Professor Louis Gialloreto, DipAirSpace'82, MBA'84, who served as an advisor to this year's case team, admits that the competition takes place in "a rather tight time frame."

The purpose of the contest is to acquaint participating universities with each others' MBA programs and to present real business situations. Concordia students organized it again this year. The cost was nearly $40,000, some of which came from companies such as IBM, Bell Canada, Pratt and Whitney, Alcan, Coca-Cola, Schenley, and the Bank of Montreal. Seventeen judges were invited from the Montreal business community.

Of the quartet of cases presented to each team, two were prepared by the University of Western Ontario and two by Harvard



Ian Westbury

Carrying home the cup, McGill MBA Case Competition winners (left to right) Barry Lee D'Amour, Danielle Poudrette, Yves Cloutier, and Greg Watson celebrate their victory with coach Louis Gialloreto (centre).

University. The first was "whether Imasco, the holding company that owns Imperial Tobacco, should invest in a U.S. fast food burger chain," explains Watson, a second-year MBA student specializing in finance. According to Cloutier, McGill's team decided that, "there was a big shake-out in that industry....The bigger a company was, the more successful it was in taking advantage of the economy of scale. Thus purchasing the burger operation made sense, although not all the financial information was available."

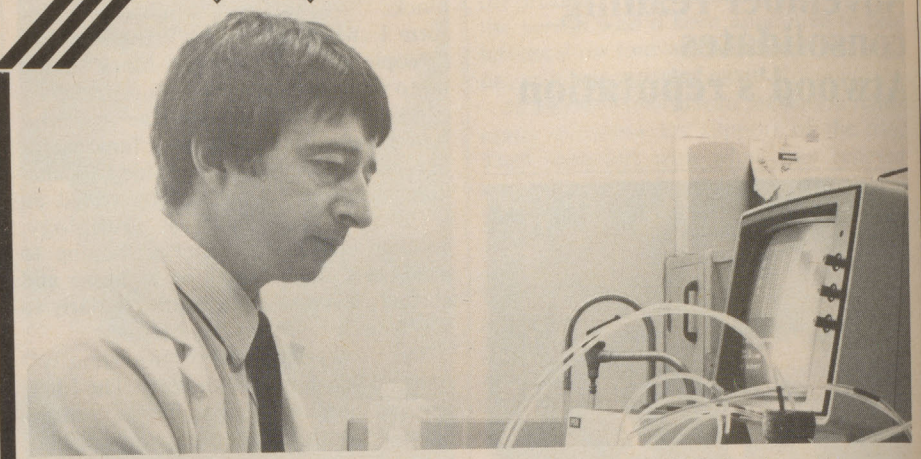
The second case concerned a New England architectural firm called The Architect's Collaborative. According to Watson, "it dealt basically with what a business should be like. Should someone who just wants to be artistic and creative be able to run a company without worrying about making money?" McGill's recommendation was that, "although the architects should be more aggressive in marketing, they should remember they are artists as well and not go all-out to be sales oriented. That would destroy the principle behind their business, which is quality first," says Cloutier.

The third case examined the orientation of The Itty Bitty Machine Company. Experiencing financial difficulty, this small personal-computer retailing firm was also involved in developing a computer language. "They wanted to start a retail store and do research and development as well," Cloutier explains. "They should do one or the other, especially when the ventures are that opposed. We proposed that the firm get into the retail business and stop doing research and development."

In the final round, only McGill, the University of Toronto and the Université de Sherbrooke remained. These contestants were challenged with the case of Petro-Canada, which had just purchased Petro-Fina and Pacific Petroleum and was about to acquire British Petroleum. "The question here," Watson says, "was how could Petro-Canada take three oil companies and make one out of them? What sort of structure should the company have, and what do you do with all the old executives?" Though all three teams recommended retaining regional structures, "our solution was that they also change all the signs and uniforms, and so on, to Petro-Canada. I still don't know what Petro-Canada actually did," Watson concludes.

Coach Gialloreto feels that McGill especially impressed their judges in the last question-and-answer period. The practical experiences of Poudrette, who has worked for eight years as an accountant, and of D'Amour, who is a Northern Telecom employee, also helped the team win. The victorious foursome will share a $2,000 Bank of Montreal scholarship. This is the university's second victory; McGill also won the first Case Competition. *Paul Serralheiro*□

McGill Campaign endows major faculty posts



Canadian Pacific Photo

First appointee to the Canadian Pacific Chair in Biotechnology, Dr. Kelvin Ogilvie is working on a new class of chemical compounds that fight such common viruses as influenza and herpes.

Four new endowed teaching appointments are now in place as a result of the McGill Advancement Program (MAP). Chairs were conferred this year in medicine, biotechnology, architectural history, and nutrition and food science. By 31 December 1984, the MAP Campaign had obtained commitments for $43.6 million in private sector funds. This was just a year into the most ambitious capital campaign ever launched by a Canadian university.

In all, the MAP is slated to generate $61 million, of which $13 million will be directed to teaching and research support, including visiting professorships in many key areas. The named chairs of highest priority include posts in honor of F. R. Scott, MA'32, in Law and D.O. Hebb, MA'32, in psychology; appointments in Management and Arts; and key posts in several interdisciplinary fields.

In the Faculty of Medicine, endowed chairs will serve to confirm McGill's long-standing reputation as a world leader in research and teaching. Eight chairs in major clinical departments – medicine, surgery, obstetrics/gynecology, psychiatry, pediatrics, and radiology – have top priority to benefit from the MAP Campaign.

The university has appointed Professor Peter T. Macklem, MD'56, to the Massabki Chair in Medicine, a new post. The chair was created through the generosity of Mr. Antoine G. Massabki and includes the Mary Massabki Endowment for Medical Sciences in memory of Percy C. Cowans. Dr. Macklem heads the department of medicine within the Faculty of Medicine at McGill; he is also director of McGill's University Medical Clinic, and physician in chief of the department of medicine at the Royal Victoria Hospital.

Dr. Errol Marliss, director of the McGill Nutrition and Food Science Centre, was named to the new Garfield Weston Chair in Nutrition, a joint appointment of the Faculties of Medicine and Agriculture. The Centre promotes basic and clinical research in human and animal nutrition and food science, and advanced training for nutritionists. Drawing on the Centre's resources, the Faculty of Medicine added a nutrition course to its undergraduate curriculum this year.

Canada's first chair in biotechnology has been established at McGill with funds donated by Canadian Pacific. The first incumbent is Dr. Kelvin Ogilvie, an organic chemist and internationally-recognized researcher. Ogilvie is widely known for his development of a DNA/RNA synthesizer or "gene machine"; his more recent studies have yielded a new class of chemical compounds whose members act strongly against a range of viruses including influenza, herpes virus, and cytomegalovirus.

Biotechnology – molecular reconstruction as applied to a whole range of organic and industrial processes – is one of the most rapidly growing areas of scientific study. As holder of the Canadian Pacific Chair in Biotechnology and director of McGill's new biology office, Ogilvie will work with members of the Faculties of Science, Engineering, Medicine and Agriculture and with colleagues across Canada, to encourage and share research.

Also committed to the Campaign are funds endowing a joint appointment by the School of Architecture and by the art history department to the Saidye Rosner Bronfman Chair in Architectural History, a gift of Mrs. Phyllis (Bronfman) Lambert as a tribute to her mother. This interdisciplinary chair will permit the School of Architecture to continue its leading role in teaching and research in the field of architectural history and criticism.

The MAP Campaign continues through December 1986. As of 31 December 1984, commitments to the Campaign totalled 71 percent of the goal. *Vivian Geeza*□

Women's Centennial Fellowship supports research into birth defects

Carolyn Kapron-Bras is the first recipient of a new award established to commemorate the 100th anniversary of women at McGill. The $8,000 Women's Centennial Fellowship, funded through the McGill Advancement Program (MAP), was granted to assist her research into spina bifida and anencephaly.

At 27, Kapron-Bras is a fourth-year PhD student in biology who began her doctoral research in the fall of 1982. Her tiny office in the north wing of the Stewart Biology Building looks out on Mount Royal and the herb garden planted by McGill's Women Associates. A native of Kitchener, Ontario, she came to Montreal in 1980 from the University of Waterloo. "I chose McGill because of the work going on in this lab," she says. "I guess I was lucky. I wrote several schools to find out what research was going on. McGill was the first place I visited. I met Daphne Trasler, BSc'48, MSc'54, PhD'58, and was really interested in her research. Four investigators at McGill are studying neural tube defects. It's an interesting area of biology."



John Geeza

Biology PhD student, Carolyn Kapron-Bras: "The fellowship's great. It leaves this term freer for my research."

Spina bifida is a birth – or developmental – defect whose incidence (currently about three per thousand births in Quebec) has a genetic component in combination with unknown environmental factors. One factor that has been identified is vitamin A. Kapron-Bras is studying the effects of different levels of vitamin A on fetal development in mice with a genetic susceptibility to this disorder. "My study is fairly straightforward," she explains. "It's organismal research whereby I vary the level of vitamin A and administer it at different times within the developmental cycle. There are so many questions about birth defects, and I'm glad to be working in an area where you can have the chance to apply new knowledge on a human scale."

Even as a high school student, Kapron-Bras wanted to go into biology. "I enjoy investigative work and also teaching," she says. "I've had two teaching assistantships and assisted with an introductory genetics course. It's good experience. The fellowship's great, though. It leaves this term freer for my research."

"Working with animals," she adds, "you have to schedule things. We do timed matings and come in every weekday at about the same time to check the mice, to follow them. We do embryo cultures, too, to observe specific times of development." On her desk, pages of neat figures and boxes of file cards record the lives of generations of laboratory mice, the result of months of careful research.

"It has not been a long time since people started looking at the interaction between genes and the environment in causing birth defects – and some of the early work in this field was done here at McGill. There's still lots to do, to find out. It's exciting. It's a real help to have the support of this fellowship."

After completing her PhD, Kapron-Bras hopes to work as a researcher-teacher. "I find I have more questions now than before," she says, "so I think mostly of going on with this work. Then again, if something interesting comes up in another area I might branch into that..."

Two other new scholarships were established this academic year to mark 100 years of women at McGill. The $1,884 "McGill Alumnae 1884 Scholarship" was awarded to Johane Robitaille, a pre-med student. Sarah McFarlane, a first-year science student, received the Women Associates of McGill Scholarship of $1,500. In all, some $4.3 million in fellowship and scholarship support funding has been committed since the MAP Campaign was launched in the fall of 1983. The year 1984-85 has seen eight fellowships awarded from capital campaign funds. *Vivian Geeza*□

First chair endowed by MAP Campaign

At a recent reception, the university acknowledged the establishment of an endowed chair in architectural history to be a joint appointment in the Faculty of Engineering's School of Architecture, and the art history department of the Arts Faculty.

Phyllis (Bronfman) Lambert is well known for her initiatives with Heritage Montreal and the establishment of the Canadian Centre for Architecture in Montreal. This endowed chair, a gift of Lambert, is a tribute to her mother, Saidye Rosner Bronfman, and to the value of the work of the School of Architecture and the art history department in their respective fields of study and for their future benefit to the community.□



Shown above the official presentation are (left to right) Director, School of Architecture, Derek Drummond, Saidye Rosner Bronfman, Phyllis (Bronfman) Lambert, and standing (left to right) Vice Principal Academic, Dr. S. O. Freedman, Principal David Johnston and Chairman, Department of Art History, Rigas Bertos.

McGill alumnae through the decades: part III

by Anne Cimon

This is the third article in a series on McGill alumnae. In the following interviews, representatives from the '30s and '40s speak about the breakthroughs they, as women, made into the McGill Senate, the Student Council, and even the Student Union Grill Room. The spokesperson from the '50s feels, however, that there was equality between the sexes in her field. By this time, the university had also come to sanction the traditional areas of feminine expertise where these graduates would establish their careers: music, social work, and household science, which became home economics in 1943 and, food science in 1971.

'30s

Helen Neilson

McGill Professor Emeritus Helen R. Neilson, BHS'39, MScAgr'48, recently retired to Hudson, Quebec, after many years of making her home on the campus of Macdonald College, Ste. Anne de Bellevue. For twenty-six of those years, she directed the School of Food Science. This was a long academic appointment for someone who admits to almost not making it to university.

Neilson's heart was set on studying history when her father died during the Depression, and the family was left short of funds. University was costly, and her mother was advised to save what little she had for her son's education. Within a year, however, they were financially back on their feet when an aunt died and left a small inheritance.

By this time, Neilson had changed her mind about studying history and, as she notes in her autobiographical article in the book, *A Fair Shake,* "I drifted off to Macdonald College" following a friend who had enrolled in household science. Neilson, who eventually graduated from the degree program with an option in dietetics, says of the one-year course, "I became imbued with a thirst for knowledge, especially about science."

A required student internship at the Royal Victoria Hospital was followed by a position as an assistant dietitian at the Montreal Children's Hospital. "I found that I enjoyed the planning and organizing aspects of administering the dietary service. And my salary," Neilson adds,



Notman & Son

Helen Neilson

"was $65 per month with food, lodging and laundry provided. I spent my first pay cheque on a new pair of skis."

Her plans changed when she was recruited by the Royal Canadian Air Force at the beginning of World War II. For four years she served as a command messing officer in the Eastern Air Command, traveling miles by service planes despite acute airsickness. She admits that another problem during her RCAF commission was "resentment against women in charge of men."

After her discharge, she completed a master's degree in nutrition at Macdonald College. She then went to Toronto to work with Dr. Frederick Tisdall at the Institute of Aviation Medicine on the development of rations for use in arctic and sub-arctic regions. But Neilson was soon to be offered the position that would determine the course of her life: the directorship of the School of Food Science at Macdonald College.

This appointment came at a time when the science of nutrition was changing. "Specialization was being emphasized, so that therapeutic and clinical dietitians were being identified as distinct from administrative dietitians," explains Neilson, who was challenged to offer programs that reflected these changes.

During this period she directed the women's residences at Macdonald and served as the first woman faculty member elected to the McGill Senate. She says she participated mainly as "an observer" who could not compete, especially against "a number of senators whose skill at oratory exceeded the value of their deeds."

On two occasions Neilson's expertise was sought in foreign countries: in the late fifties she assisted in developing a course in home economics at Kasetsart University in Bangkok, Thailand. In 1977 she also traveled to Australia to teach at the Riverina College of Advanced Education in New South Wales. These assignments were of a year's duration, and Neilson suggests she might have stayed in Australia "had I been younger."

Two years after this Pacific trip, Neilson officially retired from Macdonald College. Retaining a campus office, she can often be found there, hard at work on a history of the Faculty of Agriculture. Comfortably settled in her house in Hudson, Neilson enjoys gardening in the summer, skiing in the winter and, as she says, "living like everybody else."

'40s

Betty Kobayashi Issenman

Betty Issenman, BA'40, DipSW'42, is now guest curator, Inuit clothing, at the McCord Museum. With this assignment, she says she has "come full circle" since graduating from McGill in sociology and anthropology. She is currently coordinating an exhibition of Inuit wearing apparel and tools to be mounted at the Museum in 1986 – a project that is her brainchild.

Issenman's keen interest in Inuit garments was sparked in 1978 when she and her husband, Arnold Issenman, BA'38, both licensed pilots, flew a private plane to Frobisher Bay. "I was astounded," says Issenman, "I didn't know that there were Canadians who wore this marvelous clothing every day." She bought a costume for herself and returned home eager to do research. Finding no books on the subject, she compiled scattered articles into a bibliography that is now requested throughout North America.

During her student years at McGill, Issenman was a political activist who took a stand against the Quebec Padlock Law, supported Norman Bethune, and "foreswore silk" and "wore only lisle (cotton)" to protest the Japanese invasion of China. She remembers joining other social work students to distribute leaflets to wartime factory workers during a CIO-AFL and CNTU organizing drive. Issenman also became the first woman elected to represent Royal Victoria College on the then all-male Student Council.

"RVCites were able to strike some

mighty blows for women's liberation," she explains. "In 1936 women were admitted to the Band....In 1939, women were allowed to be cheerleaders, but we had to get permission to shorten our skirts to the knee. And we finally won admittance to the Student Union Grill Room and Cafeteria in October 1939, but not to the sacrosanct billiard room."

Graduating with honors, Issenman entered the Montreal School of Social



Betty Kobayashi Issenman

Work. By her mid-twenties, with only a few years' experience in different social agencies, she was chosen as head of the department of social work at the Department of Veterans Affairs Hospital in Ste. Anne de Bellevue, Quebec.

During World War II, Issenman wanted to join the Army, which needed social workers. After waiting for months, she was told she would not be admitted because her father was Japanese. "This was a terrible blow," she says sadly, pointing out that her father had fought courageously for Canada during World War I.

Issenman soon married and started a family. "Many of my fellow students went on to careers," she says. "A majority still have them today, and most have had families as well." She herself stayed home to care for three daughters until they were adults. She then completed an MA in "organisation communautaire" at the Université de Montréal in 1969.

In 1970 Issenman secured a position at the Allan Memorial Institute as a community organizer, but within a few years decided to change her life. Wanting to work with her hands and pursue a lifelong interest in the theatre, she studied costume design. She got design and construction assignments from Montreal amateur theatre troupes, but the pace was "too hectic."

Content with her present post at the McCord Museum, Issenman is pleased when students consult her about Inuit clothing. "They are the ones," she says, "that will carry on this work."

'50s

Luba Zuk

Born in the Western Ukraine, Luba Zuk, LMus'57, emigrated to Canada at an early age with her family. Her mother, a singer and musician, and her father, a doctor, both enthusiastically supported her interest in the piano, and Zuk soon enrolled at McGill's Faculty of Music. She points out that the Faculty, although much smaller than it is today, included an equal number of male and female students. The tendency to prefer men over women, she feels, has always been at a minimum in the performing arts.

Although a lack of funds caused an interruption in her studies, Zuk soon obtained a scholarship to the Conservatoire de Musique de la Province de Québec. Eventually she returned to McGill and completed her degree, teaching beginning piano students in her spare time in order to earn experience and extra dollars. She is now an associate professor in the Faculty.

She says she received much support from her teachers and still rides in the elevator with senior professors who remember her as she was when she first came to McGill – a shy young woman, eager to learn piano, and wearing a "knitted hat." She adds, "In my profession, you never actually stop studying. You are continuously refreshing and enriching your repertoire."

Zuk finds teaching gratifying, and "loves her students," many of whom have gone on to distinguish themselves as musicians. But she herself must manage a second career as concert performer. Active since the early sixties as a solo pianist, Zuk has toured North America several times. In 1977 she formed a piano duo with her younger brother, Ireneus Zuk, BSc'63, BMus'68.

She explains that she and her brother, "like doing things that are seldom done." When Ireneus settled in Kingston to teach at Queen's University in the mid-seventies, they began practising informally together on weekends. When their mutual interest in Canadian music had grown into a repertoire, they decided to promote the Zuk Duo outside their own cities. This led to several tours in Canada and the United States and in the summer of 1984 to Europe and countries behind the Iron Curtain.

"There is a great pleasure in introducing something new," Zuk says of their unusual Canadian and Ukrainian repertoire, for which she has done hours of research. Fascinated with the two musical traditions, she explains they are "both connected with my formation." These music programs have found enthusiastic response in the different countries where she has played, and the Zuk Duo can be heard on a Radio Canada International recording and on the CBC.

The teacher-performer has found the time to be a Federation of Canadian Music Festivals adjudicator and a visiting assistant professor at the Ukrainian Free Uni-



Irene Photo Studio

Luba Zuk

versity in Munich, West Germany. At McGill, she fulfills teaching and administrative duties and this year organized and performed in a chamber trio for the Women's Centennial. On 15 April she and two other Faculty piano teachers will close this Pollack Concert Hall recital series.

Active and dedicated, Zuk claims there is never enough time to do all that she wants to do. She tries, nevertheless, to keep abreast, if not ahead. □

A Tribute to F. R. Scott, 1899-1985

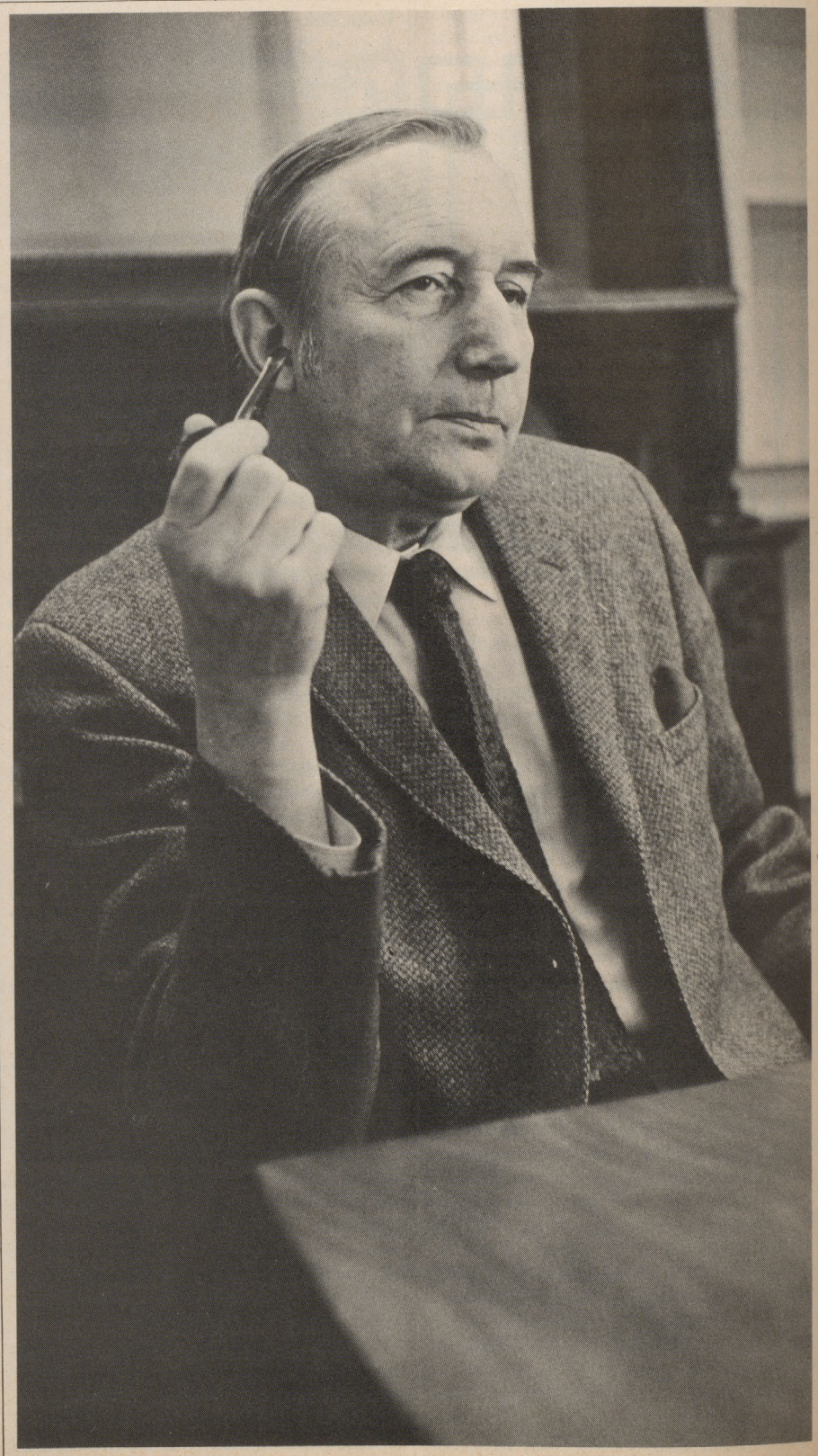
The notable presence of Francis Reginald Scott, BCL'27, has been penned into lines by fellow poets since he and the late A. J. M. Smith founded the *McGill Fortnightly Review* in 1925. *McGill News* thanks Louis Dudek, who helped assemble this selection as a tribute, as well as the writers and publishers who granted their permission to use the poems that follow.

Born in Quebec City in 1899 as the sixth of seven children, the astonishingly versatile Scott went on to win acclaim as a poet, professor, civil rights lawyer, and social democrat. A McGill graduate, he became a full-time professor at the Faculty of Law in 1928 and served as its dean from 1961 to 1964. The Fabian socialism that Scott had learned at Oxford University as a Rhodes scholar led him in the early thirties to help found and then chair the Cooperative Commonwealth Federation, predecessor to the New Democratic Party.

In the late fifties he began to crusade against Quebec premier Maurice Duplessis's persecution of religious dissenters and Communists. In so doing he overturned the nineteen-year-old Padlock Law and won his case in defense of Frank Roncarelli, a restaurant owner, who had stood bail for Jehovah's Witnesses. Going "to bat for the Lady Chatte" as Scott wrote in a poem, he also struck a blow against censorship by winning the right for *Lady Chatterley's Lover* to be published in Quebec in 1959.

A staunch federalist who stood behind the 1970 War Measures Act, Scott was also one of the earliest defenders of bilingualism and played an influential role as a member of the Royal Commission on Bilingualism and Biculturalism. A Fellow of the Royal Society of Canada and a Companion of the Order of Canada, he translated the poetry of Saint-Denys Garneau, as well as work appearing in the anthology, *Poems of French Canada.* He won the Governor General's Award for *Essays on the Constitution* in 1977 and for the *Collected Poems of F. R. Scott* in 1981. Irving Layton writes of his accomplished colleague: "Poetry was the strategy he employed for self-liberation."

Scott died on 31 January 1985 and is survived by his wife, painter Marian Scott, and their son, Peter.



Chris Payne

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To Frank Scott, Esq.,
on the occasion of his seventieth birthday
by A. J. M. Smith, BScArts'25, MA'25

Poet and Man of Law – O brave anomaly! –
dove wise and serpent-tongued for Song or Plea –
a parti-coloured animal, committed, parti-pris
but not a party man, a Man, and free.

Padlock unlocker and voice with a key,
unbanner of books, and by a natural necessity
against duplicity and privileged Duplessity.

But what endears you most to me,
old friend, 's your love and practice of sweet poesy.

I ask, then, what it means to be a poet:
– to grasp the Muse's saxophone and blow it?
– to have a quivering soul, and show it?
– to prance in purple like an Emperor's clown?
or tickle the gallant salons of the town?
or lift the Holy Grail, and toss it down?

Not today, I think. Wrong answers drop,
facile as angels' tears, and plop
so dully unctuous you cry, "For God's sake, STOP!"

To be a poet, Frank, you've shown
's a harder thing. It is to be a stone,
an eye, a heart, a lung, a microphone,

a voice, but not a voice alone, a hand,
a hand to grasp a hand, a leg to stand
on, nerves to feel, and in supreme command

the shaping mind that shapes the poem
as it shapes the man, foursquare, and needle-eyed,
and Frank.

Acknowledgements:
Smith's "To Frank Scott, Esq., on the occasion of his seventieth birthday," *The Classic Shade: Selected Poems,* McClelland and Stewart Ltd., Toronto, 1978. Jones's "Sketches for a Portrait of F. R. S.," *The Sun is Axeman: Poems,* University of Toronto Press, Toronto, 1961. Layton's "F. R. Scott," *Collected Poems,* McClelland and Stewart Ltd., Toronto, 1965. Gustafson's "F. R. Scott," *Selected Poems,* McClelland and Stewart Ltd., Toronto, 1972. Souster's "Wasp Nest," *Collected Poems, Vol. 3,* Oberon Press, Ottawa, 1982.

From **Continuation II**
by Louis Dudek, BA'39

Who is the great one, by God? No one
if you look close.
But those who ask for nothing may find it

Not a solitary vice
It involves the whole damn world
and that's why failure
hurts.

Not for success who needs it but
"not another failure" (Chaplin).

Listening to music mostly
like passing small stands
of trees in a train, a soft blur

(Better play one adagio
than do the whole sonatas in one afternoon).

Wachet auf!
Wrote it to sing in church –
no 'great man' at all
(Failed to get the job, despite Six Brandenburg Concerti).

Or Frank Scott
blind in one eye like Yeats
who saw with rational clarity

the monopolists, financiers, speculators
puddle our national wealth
into one private pile.

The facts,
the significance of the detail
as I saw on a packing case
HECHO EN MÈXICO (Made in Mexico)

The secret key to poetry
B-natural
C-sharp etc. (whether minor or major)
And try not to hit a flat.

After the poetry reading,
sitting in the Union Station (Toronto)
thinking that I had mentioned Chaplin
in two of the poems I had been reading
and was there a third
when the Muzak in the station
began playing "Limelight"

Meaning what?
That there are more things in heaven and earth
than are dreamed of in our poetry....

A word from on high

Maybe, maybe
and maybe not

Those unique events are always happening
They are in the nature of nature
Chance
the surprise factor.

God, precisely, plays dice with the universe
That's how it happens (at least
it's one of the elements)....

Sketches for a Portrait of F.R.S.
by D. G. Jones, BA'52

I

He has the evil eye,
Politically, and yet
Is lionized.
See him at bay, a
Cocktail against twenty voices. He is
Cyrano with a toothpick and his wit
Is rhymed.
Touché! And he has foiled
Le Chef
Dans sa belle province.

II

A basilisk – and hard
To sentimentalize – his glare
Shrivels the forked tongue.

Yet honest serpent
Struggles
With the haggard bird

And candour
Looks him in the eye.

III

He comes disguised – would be
But given better times, Fêng Huang,
That bounteous bird.

"Why, Kim!" He
Plays out greetings from the
Party's height.
He winds you in.
And so,
No Eve in Eden to reflect
His Adam, or his snake, you shift
The metaphor:

In the midst of Babel to create
A paradise from fools.

IV

Oh, suddenly some speech
Reveals magician as a hometown boy, his roots
In a Victorian Quebec!

Voilà! He cuts the deck. There's
Justice for an ace.

He has them up his sleeve, the old
Ideals of freedom.
He gambles
On the right to speak.

V

Snake-charmer par excellence, he
Uncoils in
Oh, how many baskets round the world –

A tongue at midnight, there
To conjugate
French with English, Indian with Greek.

Petite minorité anglaise
Parmi les gens du vieux Québec,
He is unchanged – the catalyst.

VI

More than writer,
More than book or force,
Seeming fabulous, both bird and snake,

He yet is mortal, not
Enduring myth.

He is a man – and hereby great
Though we forget

The hooded eyes, the face,
The voice which was the agent
Of our truest life.

F. R. Scott
by Irving Layton, BScAgr'39, MA'46

Drops his arm
on your shoulder
like a heavy plastic;
drives a witticism
into your thick, dull skull;
waits for the smiles
to start
in your eyes, roll down
your cheeks;
espies
another: undubbed, virginal,
and leaves you gasping
your delight.

For all that,
weary of his too clear sight,
his icy brain,
would rather be
an ignorant Italian
grinding his hurdy-gurdy
for coppers
under a lady's balcony.

Even if, friskily,
he lifts high
his long, tailored legs,
and higher...so...so...
making one wonder
what tormenting ghost
has got him by the ankle
and won't let go.

F. R. Scott
by Ralph Gustafson

To say
that this man is fantastic
is to be
Frankly wrong.
Real
is the right root
for him.
He bears history,
the lakes
he dives under,
the cold hard sun
he walks in,
Canada, perhaps.
He shoulders
distance,
levels
facts.
Nothing is too true
for him.
Praise
he goes into,
padlocks
he gets well out of
and piety.
He chairs children
and keeps up wit.

Not to say
if this man is
God is.
Mortality
moves him,
he goes for wrong-doing,
never lets bad enough
alone.
Being with him
is not psalm
singing
but pfun.

Words
he gets the wear out of,
lives by a poem,
buried with respectable honour
goes
Scott-free.

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Wasp Nest
by Raymond Souster
(For Frank and Marian)

The wasps at the north end of your verandah
have the best view of Lake Massawippi
three terraces below.

So easy to get rid of them,
you say, a paper bag
suddenly popped over the nest
would do it. But there's a fascination
in watching the work expand
inch by inch as the weeks slide by,
seeing another form of life go about
its living with a frenzied earnestness
a dedication to shame us listless humans.
What if one gets careless sometimes
and draws a sting or two?
Can you really blame these home-loving buzzers?
Think of them, if you will,
as les séparatistes *of North Hatley,*
better tolerated than stirred up,
better at the end of the verandah
in plain view than hidden in the woods....

And who knows, in time
we may even come to know each other
well enough to live together
under this same good roof.

For Frank Scott
by John Asfour, MA'75

"The future of man is my heaven."

Three times I was introduced to you –
the defender of Lady Chatterley,
of the poor, the elderly, the infirm and victimized,
of Jehovah's Witnesses.
I do not know
whether on each occasion your glassy eye
did not recognize me
or if my two bad ones were bleary.
No matter. There was more between us than
little eyesight
and Lady Chatterley.
We talked of justice for all
and the dignity of man. I told you
my country naps on an active volcano
while yours is sitting on ice. How could we possibly
make progress? But then I remembered
you lived by that curious creed: the world was your country.
You smiled and told me
better to write than to worry.

All citizens of the world confer
at some point.
I am hoping to be introduced to you again.
I am hunting up and down the streets for you now.
I see that unemployment still runs high,
our cities are full of crime
and intimations of nuclear missiles.
What kind of heaven have we made for you?

Frank Scott at eighty-three
by Mona Elaine Adilman, BA'45

He spoke about horizons receding
as we advance to touch them.
His horizons were always infinite,
and his glance silvered their surface,
drawing fathoms of history from art.

He delighted in the thrust of life,
and from it, deduced a universe.
His thoughts ranged over continents,
and the slow-moving currents
of human struggle and yearning.

He championed the inarticulate.
The torrent of his voice and pen combined,
and "challenge water" burst the banks of prejudice
to vitalize the parched throat of the law.
He walked with science; ineluctable forces
mesmerized his vision
and greened the pastures of his creativity.

When Roncarelli, holding a Hebrew-English
translation of the Bible, said
"Don't worry, Professor Scott,
we have Jehovah on our side,"
he answered, "That's well and good.
But I think I would rather have
the Supreme Court of Canada on my *side."*

Now he sails on the receding horizon,
conquistador of four-score years and more.
His Heaven will not be a paradise
where trade is flourishing and God is secure.
Rather will it be an open forum of ideas,
a widening frontier of wonder
where knowledge grows larger and larger.

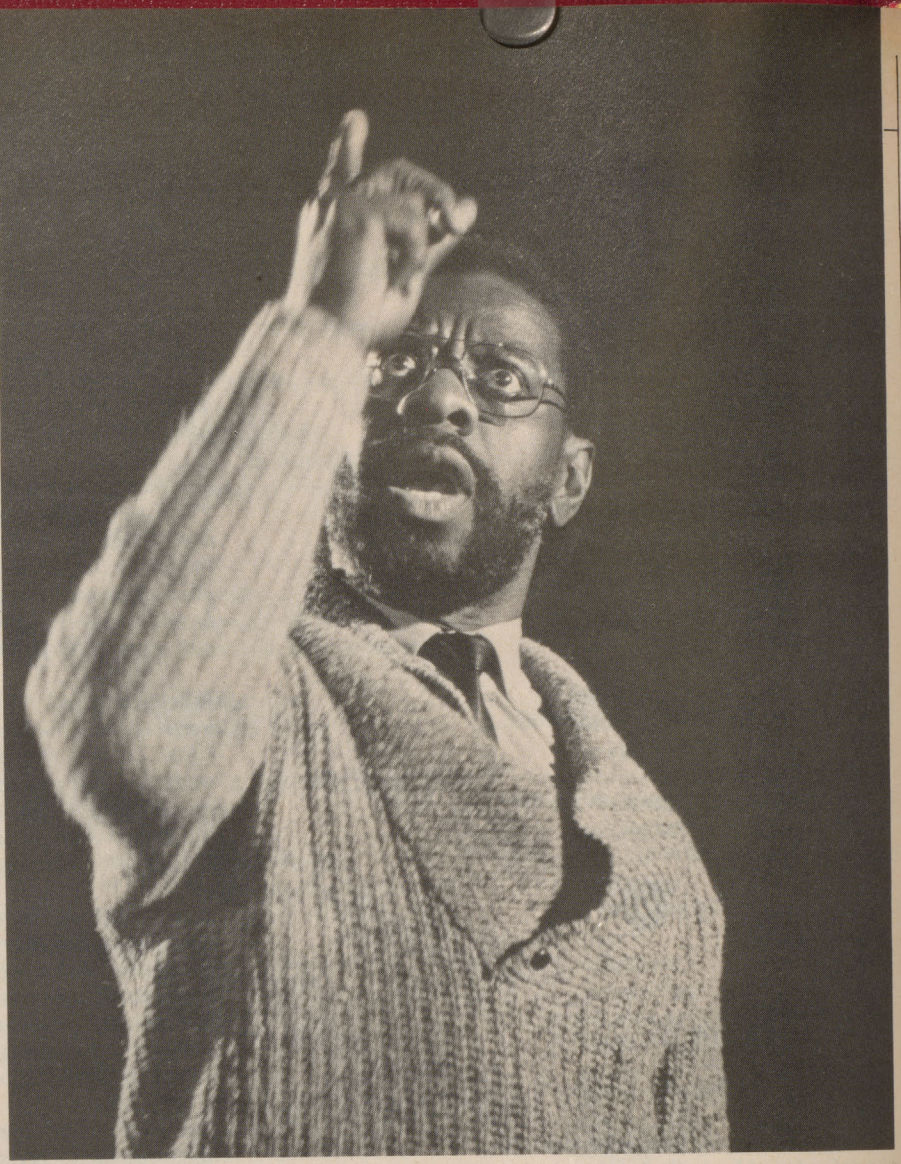
There will be no phony literati or British peers.
Socialites please register Down Below.
D. H. Lawrence will shake his hand,
and Lady Chatterley will prance
on a Bill of Rights stallion,
godiva-like and fair.
Corporation presidents will own
Class A preferred stock in Dante's Inferno.
Struggling poets and little mags
will all receive Canada Council grants.

He never lost in choosing
what he did not choose,
for the world gained a dream,
and justice won a champion.
He lived on the cutting edge
of the advancement of knowledge.
His poetry was "incapable of not being born."
He touched with brilliant image
a fragile plume in people's lives
and turned the times upon his eloquence.

Epilogue
Life is the leaf he talked to as a lover
And lays down gently now the poem is over. □

FOCUS

Trevor Payne



John Geeza

"Yesterday," as only the Beatles could sing it, Trevor Payne, BMus'80, was a musically unschooled pop star. Today he is a doctoral candidate, a choirmaster, and a serious composer. What has caused this transformation?

In the psychedelic sixties Payne led the Triangle, a group that went through numerous members and name changes, and toured with the top performers of his time. He played with Jefferson Airplane, Johnny Winter, Grand Funk, and Van Morrison, but soon felt restricted by the simplicity of pop music and by his own lack of training. His agent, Donald K. Donald, was incredulous when in 1971 Payne enrolled in McGill's Faculty of Music. "He was convinced that my so-called 'school-trip' was exactly that," Payne recalls. "He figured that I would take one look at a professor after the second day and decide that this whole joke had gone too far."

The "joke," nevertheless, was to take Payne much farther musically than his rock career ever had, and this was what the aspiring musicologist, arranger, conductor and composer wanted. On his way to the completion of a bachelor of music with a concentration in orchestral conducting, Payne, a keyboard player, took up the cello, composed a major work called *Jazz Sonata* for Les Ballets Jazz du Québec, assumed his present post at John Abbott College, and began conducting a youth choir.

This group, formed in 1974 and based at the Union United Church in lower-town St. Henri, was The Montreal Black Community Youth Choir. It disbanded in 1980 and reassembled in 1982, with members from all age groups, as the Jubilation Gospel Choir. Payne's work with the Choir is reminiscent of his early days in pop music, because again he must emphasize the importance of "presenting your product" attractively. Now he can also use his hard-earned conducting and arranging skills and, at the same time, pursue his first love, Afro-American music.

Born in Barbados in 1946, Payne didn't begin formal training until he came to Montreal at the age of ten. Studying classical piano for three years, he enjoyed Bach and Beethoven, but his real thrill was listening to black artists like Ray Charles and Mahalia Jackson. This led Payne to work with the Afro-American idiom. "Most Afro-American music pulls you into it, whether you want to be pulled into it or not," Payne says, and when you listen to gospel music, "you can't help but feel good about yourself." Classical European music, on the other hand, is something you enjoy while you "lay back, smoke your pipe, and sip your cognac."

The Jubilation Choir performs both gospel and classical music because its director's tastes are eclectic. Payne's eclecticism is also reflected in his John Abbott College activities: he teaches a classical music survey course as well as the history of Afro-American music and an introduction to jazz improvisation. "As far as I'm concerned," Payne explains succinctly, "music is music."

It was his thirst for knowledge and wish to learn the techniques of notating music, to become "a musical stenographer," that led Payne to pursue further studies. Despite the success of *Jazz Sonata* – which has been performed live and on television in over thirty countries –Payne still finds composing a hardship. Shaping music from thin air is no simple task. "What it does to my brain," he complains in a tone of mixed humor and anguish, "is unfair."

Aside from his McGill degree, Payne's academic laurels include a bachelor of fine arts in integrative music from Concordia University and a diploma in linguistics from Laval University, where he studied the pidgin languages of Africa and the southern United States. "Being interested in the history of Afro-American music, you have to be interested in linguistics," Payne explains, "because you're going to trace music that comes out of Africa."

The choir director recently began graduate work on yet another academic degree – a PhD from Walden University, a Florida-based institution. He will do research on the theme of social change in the practice of Afro-American music. The dissertation will be based on Payne's decade of experience at Union United Church, research he has done on the music of Trinidad and Barbados, and further probings into Afro-American music and culture.

Payne's "hottest project," the Jubliation Gospel Choir, will make an extensive North American tour this summer, taking its forty-five members from Halifax to Vancouver with six or seven major stops – and from Buffalo to Atlanta and back through Boston and New York. Ironically, traveling with the Choir, Payne is beginning to take the same road he did in the late sixties, the one he gave up to return to McGill. Many things have changed during this musical journey and along with them, Payne himself. *Paul Serralheiro*□

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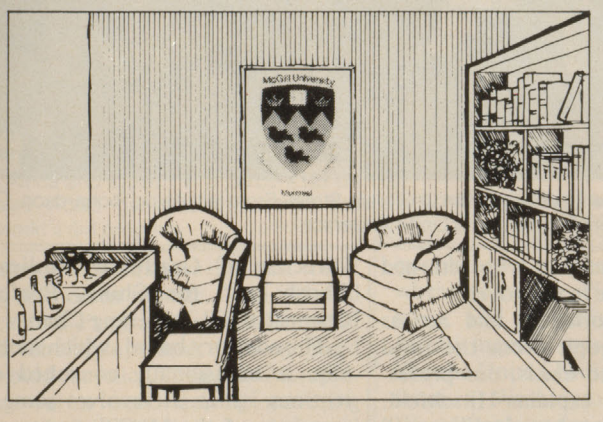
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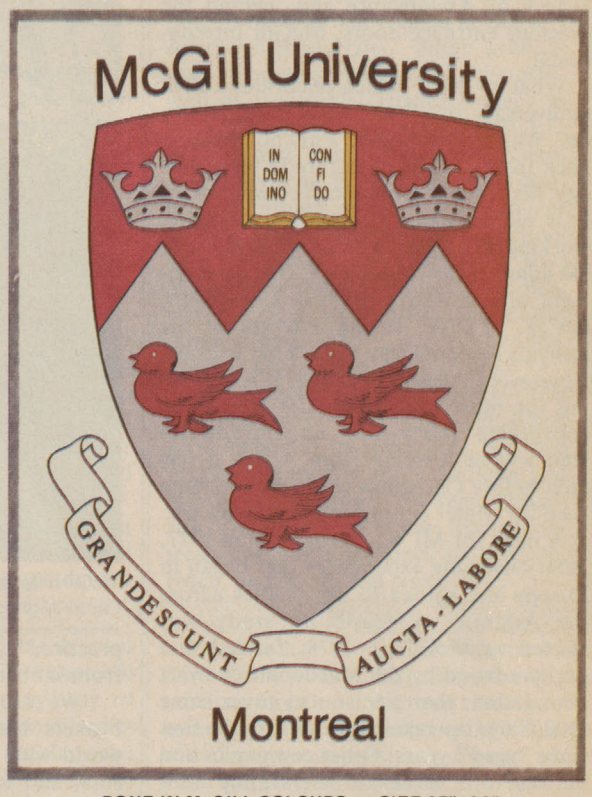
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THE McGILL COAT OF ARMS

The coat of arms is derived from a Patent of Arms granted posthumously to its founder James McGill who died in 1813. The University's Patent of Arms was granted by England's Garter King of Arms in 1922 and by Scotland's Lord Lyon King of Arms in 1956. It has three red martlets on a silver ground. A heraldic martlet is a mythical bird without feet. It is always portrayed in motion. An open book at the top of the shield is the heraldic symbol of an institution of learning and it bears the words "In Domino Confido" (I Trust in God) which was the motto of James McGill. Silver crowns on either side of the book refer to the city's royal name and are composed of fleur-de-lys to suggest Montreal's French origin. The city's three mountains are represented by three peaks above the martlets. McGill's motto "Grandescunt Aucta Labore", — "By work all things increase and grow", completes the Coat of Arms.





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McGill International: sharing "development" with the third world

by M. J. McCutcheon



Vivian Kellner

McGill International enters its fifth year on University Street. From left: Astrid Richardson, Ginette Lamontagne, Dr. Walter Hitschfeld and Linda Anderson.

The grey limestone-faced residence at 3550 University Street was built a century ago, sheltered Royal Victoria Hospital nurses-in-training for fifty years, and now serves as McGill's interface on a complex outside world. Purchased five years ago and recently renovated, it houses the Office of Industrial Research and its new inventions and patents division, a graduate study centre for the School of Architecture and, behind the gracious entrance doors, McGill International.

What is "MI," which celebrates a fifth anniversary this June? It is the director, Dr. Walter Hitschfeld, PhD'50, rushing back from Ottawa to lecture in meteorology, his other half-time staff commitment. It is his assistant, Ginette Lamontagne, working on a report with Linda Anderson, the administrative secretary. It is development officer Astrid (Evans) Richardson, BA'58, MA'63, leaving a reception for Kenya's National Day to pack her bags for a two-week mission in China. It is arranging for retired professor Lee Hutton to coordinate thirty-four undergraduates who will be arriving from Africa a few days before Christmas with an immediate need for winter clothing and kitchenware.

A need for MI was recognized in 1977, from observing experiences that began in Europe and spread to universities across the Atlantic. A feasibility study was started at McGill in 1978, funded and partly advised by the Macdonald-Stewart Foundation, that went on to cover some $100,000 in operating expenses for the first three "seed" years. Other companies and institutions offered assistance and McGill's Centre for Developing Area Studies (CDAS) lent office space. Lamontagne came from Graduate Studies, where she was research fellowships coordinator, to edit the study group's report.

Among the advisors were Hitschfeld, then vice-principal and dean of Graduate Studies and Research, and Professor Neil Croll, director of Macdonald College's department of parasitology. Credited with bringing the idea to campus, Croll was particularly interested in tropical medicine and was just completing a medical degree.

The Senate and Board of Governors accepted the report, and Croll was named director. One year later, at the age of 38, he died of a heart attack. "Croll was a brilliant young man, aware of other countries' interest in McGill, and he proposed we use our skills to do some development practice," says Hitschfeld who returned from sabbatical leave to take over.

"We are action-oriented and act as brokers between people from the third world with goals and needs, our professors, and funders," explains Hitschfeld. MI has a large advisory board and a small executive committee. The dean of Graduate Studies and Research acts as chairman of the executive committee, which also numbers two faculty nominees, the CDAS director, representatives from faculties that are highly involved in exchanges, the three MI staff and the six regional conveners.

The conveners for the six regional advisory groups are, for the Caribbean, Professor of Animal Science Eugene Donefer, PhD'61; for Latin America, Professor of Mining and Metallurgical Engineering John J. Jonas, BEng'54; for Africa, Associate Professor of Philosophy R. Storrs McCall, BA'52; for the Middle East, Professor of Chemical Engineering Musa R. Kamal; for South and South-East Asia, Associate Professor of Education and Director of Graduate Studies Ratna Ghosh; and for China, Professor of Chemistry Bill Tak-Hang Chan.

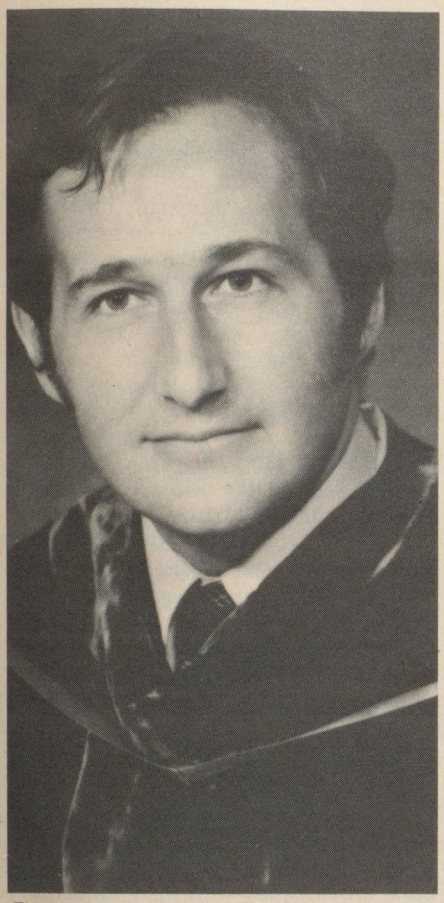
The advisory board, which meets annually, is occasionally consulted on contentious issues. It involves some seventy members of the McGill community who are knowledgeable about the third world, as well as the university secretary-general, three vice-principals, and representatives from the Post Graduate Students' Society and the alumni. Many grads live in countries where McGill's development projects are planned or happening, and direct word from them is welcomed; "Their suggestions and advice on local needs and development opportunities are valued highly," says the director.

It was expected that MI would support itself as much as possible, and today the office counts mainly on development service charges to recover operating costs. They must also protect the university's prime mandate – undergraduate education. This means, for example, obtaining the agreement of faculties and, if possible,

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replacements for staff who are working abroad.

Though MI is sustained by substantial, long-term projects, the team wants above all to remain flexible and "not grow too large." They also find that it is the personal, one-on-one linkages that best foster learning and often morale. Their McGill Advancement Program proposal stressed regional scholarships and, "an endowed chair would be nice," says Hitschfeld. Pointing out a trend among maturing nations to build their own faculties and institutions, he adds, "Education is what we as a university can do best."



courtesy, Inst. of Parasitology

The first MI director, Neil Croll, in the fall of 1980 wrote in *The Gazette*, "I carry visual tatoos of starvation... economic disarray... and elephantiasis (in Africa and India)... A 5 percent tax on arms sales would generate more than the current world's aid program..."

The popularity of the third world has not grown among sabbaticants, as was first hoped. It accounts for only 5 percent of study destinations, far behind Europe and the United States. The director understands that careers of younger staff in certain disciplines may not be directly enhanced by work in some countries. He believes, however, that an academic interested in exchange missions should add "development" to the two traditional professional commitments, research and teaching.

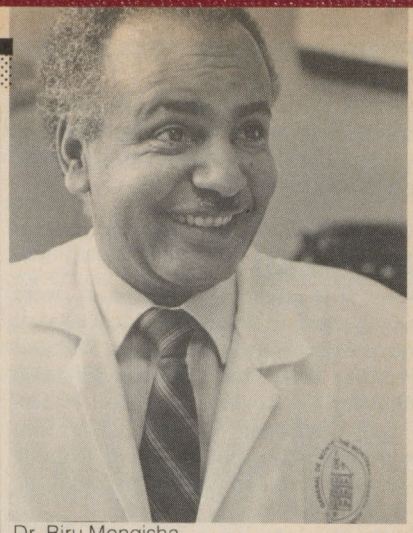
Within the worldwide network of proposals and counterproposals, Hitschfeld has learned that "you cannot help everyone with the same techniques. We have established a number of projects in areas where we can be effective." The choice is large, and suggestions come by way of faculty memos, press releases from bodies like the United Nations, and regular news from a Washington contact aware of World Bank intricacies.

In their first report, MI wrote of their responsibility to deal with "people and institutions not directly involved in repression...or hostility at home or abroad..." They are aware of governments that would interfere in projects by "looking over your shoulder" or who might use involvement to "shore up credibility." They generally agree with the Canadian International Development Agency, which does not fund South African projects and limits aid to Chile, for example. MI did send a delegate to an international food and health conference in Cuba, however. "Agriculture is a linchpin in what we must be able to do," Hitschfeld feels, in a world where, "countrysides have gone to ruin and people in despair have crowded into cities."

MI now has enough confidence in its third world work to help the university in relations elsewhere. A group recently convened to advise on strengthening relations with Japanese universities, some of which Principal Johnston visited in December. Staff members are pleased to continue the ties that McGill has long fostered in the West Indies, India, Kenya, and other countries.

This spring, in the Chinese quarter of the world, there will be a continuation of old links (MN Fall 1980) at the end of the Burma Road. Here the elected president of Chong Qing (formerly spelled Chungking) University will welcome a McGill Faculty mission. He is Zejia Jian, known as Tseh-Kia Kiang, MEng'49, when he studied at McGill. During the cultural revolution he lost a son and served time doing hard labor. When he had to hide his McGill diploma – he and his wife boiled the parchment until the writing disappeared and sewed it into a change purse! Since then graduate students from Chong Qing have attended his old faculty, which he

An exchange doctor talks about development



John Geeza

Dr. Biru Mengisha

"The tempo is so fast here," laughs Dr. Biru Mengisha in the Montreal General Hospital (MGH) interns' residence, his home-away-from-home for the last three months, "that sometimes I ask are people walking or running?"

As internal medicine specialist at Ethiopia's largest hospital, he held a clinic once a week. Now he spends Monday to Friday at the MGH gastroenterology clinic learning from many specialists about diseases seen before only in textbooks. He compares the two countries: duodenal ulcer is common to both cultures, but only here does he find a high incidence of alcoholic liver and ulcerative colitis. There, bacterial diarrhea; here, widespread constipation and no tuberculous peritonitis diagnosed as of yet. Dr. Biru has begun eating apples. He wonders if our disease patterns will show up among "the educated" in his country too, who are beginning to worry about being on time and are "developing a taste for western cuisine" instead of roasted beans and grains.

Dr. Biru's career shows how foreign aid has helped his country's medical development. In 1972 he graduated from Black Lion Hospital, Addis Ababa University's teaching facility. It was set up in 1965 with the assistance of the British government; before that time physicians had trained at Beirut's American University. After graduation, he spent seven years in the northwest at the Public Health College in Gondar, established with UNICEF, WHO, and American Development Aid support in 1954. Eight years ago, after Ethiopia's revolution, the college evolved into a medical training school with aid from East Germany's Karl Marx University. Summing up Biru wryly notes, "Countries come but don't always stay." Later he adds, "We do appreciate Canada's aid."

After working in Gondar, Dr. Biru returned to the well-equipped Black Lion Hospital to specialize. His two oldest children now study medicine and marine engineering at the same university. On his return home from Montreal, the internist hopes to practise, teach, and do clinical research. □

revisited four years ago.

Here are some examples of projects being carried out with McGill International's aid at the moment, looking from south to east.

Caribbean

MI's first practical experiences were relatively close to home. Two dozen small projects were carried out between 1981 and 1984 in the West Indies under a $300,000 grant from The Royal Bank's Latin America and Caribbean Division. The first regional advisory group was set up to guide project selection and the University of the West Indies was closely involved.

With the help of a $120,000 CIDA contract that expands a Royal Bank seed grant, cattle fodder is being made from Jamaican sugar cane waste. The Ontario manufacturer of the cane "derinder" machine and the Jamaican Sugar Industry Research Institute, represented by Dr. Ian Sangster, are anxiously awaiting results of feed trials. Teamwork, partly overseen by convener Donefer, includes collaboration with Macdonald graduate Cedric Gordon, BSc'72, MSc'82, at the government research station in nearby Bodles.

Latin America

In July 1983, Professors Réal Boulianne, PhD'71, and Cynthia Weston of the Faculty of Education and the Centre for University Teaching and Learning arrived at the University of Guayaquil in Ecuador for the first of three summer teaching consultancies. They found the state university had undergone "masificación" after it eliminated tuition fees and lowered admission requirements. There were 60-70,000 students, of whom 10,000 were in Education, attending classes of up to 200 given in three shifts.

As a spinoff to the MI project, the pair met socially with a local media "mogul" and spoke enthusiastically about the work of Guayaquil Planning Commission Head, Dr. Mercedes de Hernandez. Based on media specialist Watson's suggestions for more local programming, his television studio began a weekly women's talkshow.

This summer, on their final visit, Boulianne and Weston will continue to lecture professors on teaching, research and learning theories and recommend curriculum changes. They also wish to leave behind a teaching centre to serve other faculties. Accompanying them will be Professor Georges Terroux, who plans to give a workshop on teaching English using a modularized video approach.

Africa

The department of mining and metallurgical engineering went "offshore" in 1982 leaving Canada for the first time to take its Professional Development Seminars to the University of Jos, in Nigeria. The Nigerian Mining Corporation also helped fund the two-week seminar given by Professor Michel Bilodeau, MSc'72, PhD'78, and others on "Mineral Exploration Project Assessment" and the "Strategy, Organization and Management of Change."

In the medical field, the McGill-University of Addis Ababa exchange (MN January 1984) continues with CIDA funding channeled through the McGill Centre for Tropical Diseases. Dr. G. Christopher Willis, Sr., BSc'46, MD'48, DipIntMed'55, and Dr. Charles Mahoney are in Ethiopia at the Black Lion Hospital until September while, in Montreal Dr. Biru Mengisha and Dr. David Saifu take post-graduate training. Dr.J.D. McLean coordinates the exchange from his office at the Montreal General Hospital.

Anthropology Professor Philip Salzman, who is chairman of the Commission on Nomadic Peoples/International Union of Anthropology and editor of its journal (MN Summer 1981), co-sponsored a conference at McGill in 1983 with MI. The guest speakers, Dr. Salmana Cissé of Mali, French-speaking, and Dr. Daniel K. Ndagala of Tanzania, English-speaking, became acquainted during this symposium and during the two months they remained in Montreal as visiting scholars. Next year they will co-host a conference in Egypt on "Territory and Its Loss Among Pastoralists."

Salzman appreciates MI's continuing help in making contacts for academic work. Among students who met the African scholars were Elizabeth Linn, BA'77, MA'83, of Texas, who has studied Andean llama breeders, and Pierre Bigras, BA'84, who is part of a team examining life cycles. In Kenya last summer he visited the Turkana, who were suffering from famine. Due to events in Uganda in 1979, they had not been able to reach their dry season pastures.

The Middle East

Though no contracts have been signed as a result of proposals from this region, convener Kamal says, "There are always things going on at the informal, non-protocol level." He will greet delegates from the University of Baghdad this spring, as Iraq is one of the countries looking for help with the education of their engineers and scientists. Discussions have also been taking place about projects that may involve rural development, housing, and educational training.

Engineer Kamal, like many other staff professionals, has worked independently on development-oriented projects and knows the region from his experiences in such Middle Eastern countries as Morocco.

South and South-East Asia

India will be the focus of a McGill conference this 10-13 June called "Education and Social Change in India: Reinterpretations and New Directions." It is co-sponsored by the Shastri Indo-Canadian Institute and MI and directed by Dr. Ratna Ghosh. The public is welcome to attend and hear speakers including several coming from that subcontinent.

The School of Architecture's Centre for Minimum Cost Housing (CMCH) has had a two-year working relationship with the Vastu-Shilpa Foundation of Ahmedabad, India. Last summer Professor Witold Rybczynski, BArch'65, MArch'72, organized a field study with the Foundation's director, a well-known architect, Professor B.V. Doshi.

It was carried out by McGill assistant professor Vikram Bhatt, MArch'75, and graduate student Bashan Pathare in the city of Indore. There they sketched and



Lochomin Ekuparat, of the Ngissiger division of Kenya's Turkana district, tells McGill's Pierre Bigras about his herding travels and trades of sheep, goats and cattle that have taken place over the last ten years.

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photographed slum housing similar to that in Bhopal, the state capital, 100 miles away. Partly through measured drawings, the pair documented how residents have adapted to the spaces in which they live and carry out small-scale service-sector enterprises (see cover). They collected more data, with the help of Foundation staff, while staying at the Ahmedabad complex. Two architects from that centre, Bhatt's first alma mater, are now taking postgraduate studies at the CMCH.

This fall McGill graduate seminar students used the material to assemble *How the Other Half Builds –Vol. 1, Space,* another in a series of manuals edited by CMCH. Offering alternatives to often unsuitable building standards, it has attracted the interest of architects in the field and of World Bank "Sites and Services" program staff members. This summer studies will continue for *Vol. 2,* which will describe how the poor use unconventional building methods and materials.

Major Funded Projects
McGill International

CIDA
IDRC
● Conference/ Seminar

80 81 82 83 84 85 86

"seed"

Caribbean
Royal Bank: 24 small W.I. projects
Cuba, delegate to food conference
Jamaica, feed from cane waste trials

Latin America
Agreement – Universidad Catolica del Peru
Ecuador, Guayaquil University education

Africa
Zambia, copper mining proposals
Nigeria, University of Jos, mining seminars
Kenya, teacher cohorts at McGill
Ethiopia, Addis Ababa medical linkage
Kenya, study of schooling & work
Mali/Tanzania nomadic scholars visit

Middle East
Tunisia, phosphate mine health study
Turkey, study of solar heat storage

South & South-East Asia
Philippines, planning for food study (with CESO)
University of Singapore, mine waste study
University of Singapore, multilingualism study plans
India, Indore urban shelter study
India, study comparing co-op food crops
India, Education & Change conference at McGill

China
(see article)

(studies for CIDA)
Study, foreign student fees in Canada
Seed $ for projects for other funders



◁
Dr. Cynthia Weston lectures to Education professors of the University of Guayaquil in offices of the Ecuadorian Olympic Committee.

▽
Dr. Hitschfeld, who visited Nankai University in December 1982 to discuss setting up the biotechnology exchange project, holds a gift from his hosts: back row (from left) Ge Shengwu, interpreter, university foreign affairs office; Professors Liu Li-sheng, Biology; Mu Guoguang, Physics; Zhao Xue-guang, Mathematics; Pan Tong-long, Law; Xiong Xing-mei, Economics; front row (from left) Pang Songfeng, foreign affairs office director, Wang Dasui, Vice-dean; University President Teng Wei-zao; Dr. Hitschfeld, MI; Cui Cheng, Biology; Ho Bing-lum, Chemistry.



China

"At the moment China is going very strong," says Hitschfeld of MI's exchange work with this Oriental country. He explains that this is partly because the People's Republic realizes its industries are outdated.

Through CIDA, our government has encouraged inter-university consortia. It has also set up orientation centres for visiting Chinese scholars and Canadians going abroad for CIDA. Their Centre at Montreal for Exchanges with China (CAMEC) calls for cooperation among the city's four universities, whose management faculties are also working with Tianjin University and People's Universities of China to give human resources management training.

Of three agreements McGill has signed since 1979 with Chinese institutions, the biotechnology exchange project with Nankai University in Tianjin is possibly the most exciting. Under the terms of a three-year project costing nearly one million CIDA-dollars, a half-dozen scholars are criss-crossing the Pacific. Last August graduate student Mingda Zhang came to study symbiotic nitrogen fixation in the field of plant genetics with Dr. Desh Pal Verma. In April, Chemistry Professor Kelvin Ogilvie goes to "Nankai" to lecture for a month, and this summer Biology Professor Gregory Brown gives lectures and labs there.

A former lecturer in international relations, MI's Richardson says this biotechnology project is unique because both institutions are working through committees and each group is able and eager to select the kind of help it needs. Our steering committee is chaired by regional convener Chan, who finds the McGill staff from Agriculture, biochemistry, biology, chemical engineering, chemistry, immunology and Medicine's oncology and transplant teams to be extremely enthusiastic.

Canada's International Development Research Centre (IDRC) is helping McGill to modernize Chinese radar equipment near Lanzhou in order to observe storms over the Tibetan Plateau. This will allow for comparative studies to be made with research being done on Canadian hail storms. Other MI linkages span mining and metallurgical engineering (with seminars in Beijing), medicine (involving Royal Victoria Hospital physicians), and animal husbandry (connecting Macdonald with a provincial institute). □

SOCIETY ACTIVITIES

Winter wrap-up and spring signals

by Gavin Ross, Executive Director of the Graduates' Society

News from Martlet House We were all saddened by the recent death of Adrienne Villeneuve, who succumbed last November after a long fight against cancer. Adrienne was a valued staff member, who for nineteen years worked in our printing and mailing department. Adrienne will be greatly missed by all who knew her to be a kind and generous friend.



Adrienne Villeneuve (left) worked for many years with Lorraine Seymour (right) in the Society's printing and mailing department to provide "a direct link to graduates."

On January 9th, Adrienne's friend and colleague in the printing and mailing department, Lorraine Seymour, completed thirty-eight years of service to the Graduates' Society. This department in the Martlet House basement is not often seen by visitors even though it is one of our most direct links with graduates. Last year over 1 million pieces of mail were printed and 1/4 million envelopes addressed and sent out to graduates around the world. Good work Lorraine!

We welcome Mary McCutcheon to our staff. She joined us in early December as assistant editor of the *McGill News*. Educated at Mount Allison University, Sackville, N.B., Mary comes to us from the Faculty of Music, where she was responsible for concert publicity and programs. She has worked in publishing in Montreal as secretary to the advertising representative for two Vancouver dailies, managing editor of a non-profit tabloid, writer-typer of a social agency newsletter, and with "the Bible of hockey" – *The Hockey News*.

Busy in amateur music and outdoors clubs, she is also happy to be involved in the Graduates' Society. When asked about her new post at the *News*, she looked up from a dictionary and said: "I hope to 'promulgate' communication between the university and its publics."

In the meantime, down on the second floor of Martlet House, the Alma Mater Fund (AMF) and the McGill Advancement Program (MAP) staff are going full blast. Many graduates are directly involved in MAP, while others are wondering "when shall we be asked to give?" Deputy Director of MAP Tom Thompson, BScPE'58, MEd'78, says that alumni are being approached on a regional basis, and everyone will have been invited to participate by the fall of 1986.

As well, the AMF results continue to reflect the annual generosity of graduates. By December 31st, the Fund had received over $1 million. The AMF's year end is May 31st.

Among the branches A diverse program continues to be offered by our branches from coast to coast and overseas. During the past few months, for example, Principal David Johnston has greeted graduates in Ottawa, Toronto, Saskatoon, Minneapolis, Barbados, and Japan. Wearing his fund-raiser hat, he has met individually with alumni in many other cities. Graduates' Society President Ted Cleather, BA'62, was guest of honor at a McGill Society of New York reception last fall. Senior faculty and staff members have also been guests at meetings in the States at Washington/Baltimore and New York City; in Ontario at Hamilton/Burlington and London; in the Maritimes at Halifax, Charlottetown, and Moncton; and out West at Victoria.



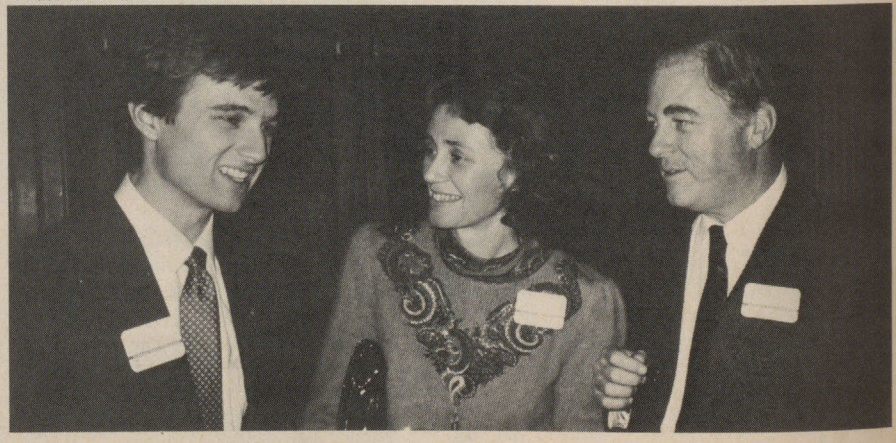
John Geeza

New assistant editor: "*McGill News*, Mary McCutcheon speaking."

McGill Swim Coach Mike Sharadin met with graduates in Philadelphia and Atlanta, while Students' Society Vice-President Scott Keating spoke to alumni in Toronto, Hartford and Boston, giving an overview of McGill from an undergraduate's perspective. Successful gatherings were also held in Winnipeg and Calgary, and a few hearty alumni braved the elements to cheer on the McGill Hockey Team at the Key Bank Tournament in Lake Placid, New York.

Once again, the McGill Society of Hong Kong held its annual Christmas ball at the Hong Kong Hilton. From all reports it was just that – a ball. And as this magazine is being distributed, graduate receptions are being held in West Palm Beach, Florida; London, England; and in Athens, Greece.

It is difficult and sometimes dangerous to single out one branch activity. Special mention, nevertheless, must be given to the McGill Society of Toronto for "A Celebration of Friends" – McGill's salute to



Taking some time off from his law studies, Vice-President (finance) McGill Students' Society Scott Keating chats with President of the McGill Society of Connecticut, Dr. Graeme Hammond and his wife, Janet (LeDain), before delivering his speech, "McGill from a student's perspective," at a recent Hartford meeting.

McGILL UNIVERSITY LIBRARY

Toronto's Sesquicentennial. This October evening was superbly organized by a special committee under the direction of Toronto Past-President Andrea Alexander, BPE'60.

As reported in the *Globe and Mail,* more than 300 graduates and friends gathered to honor 12 alumni who "have played a vital role in the Toronto community." They were the following: President of the Toronto Symphony Orchestra William Benton Boggs, BEng'40; President of the Toronto Stock Exchange J. Pearce Bunting, BCom'52; Chairman of Scotia Coal Synfuels Project Alastair Gillespie, BCom'47; Alderman Anne Johnston, OccTher '56; University of Toronto Dean of Medicine Frederick H. Lowy, BA'55, MD'59; architect Raymond Moriyama, MArch'57; Chairman of Noranda Mines Alfred Powis, BCom'51; actress Fiona Reid, BA'72; financier E.P.Taylor, BSc'22, LLD'77, whose award was accepted by his son Charles; University of Toronto Director of Gerontology Blossom Wigdor, BA'45, PhD'52; lawyer James Worrall, Q.C., BSc'35, and co-founder of CITY-TV Moses Znaimer, BA'63.



It may look like Jean Beliveau, but it's John Ferrabee, one of the first thirsty graduates to be greeted by Brenda Reay at the Toronto Branch's 31st annual "Evening at Molsons."



Recent graduates (left to right) Lorne Smith, Dana Reid, David Michaelburg, Heather Smeall, Mark Hantho, Russell Saray, and Vic Pywowarczuk: "Make mine a Molson (as if they had any choice)."

Phonathons It is traditional that in the spring of each year, more than 1,000 graduates across Canada and the United States work with the Annual Giving staff to organize and conduct regional phonathons that serve to help the Alma Mater Fund. This year these phonathons have been held in Calgary, Toronto, Fredericton, New York, and Boston. Here is some information about April phonathons. Graduates living in the Ottawa, Vancouver and Montreal areas are invited to volunteer their services:

Ottawa, April 11, Chairman George Winters, BSc'49, DipMan'60, Tel. (613) 628-7026.

Vancouver, April 16, Chairman John MacFarlane, MD'63, MSc'66, Tel. (604) 263-2177.

Montreal, April 9, 10, 15, 17. Chairman Michael Conway, BCom'79, DipAcct'80 and Martlet House Contact Rob Baxter, Tel. (514) 392-8038.

On behalf of the Graduates' Society, thanks to all those volunteers who are giving such important help to the Alma Mater Fund.

Miscellaneous notes The Information and Liaison Office has recently expanded its applicant follow-up program and renamed it the Alumni Volunteer Recruiters' Association (AVRA). From a project consisting of 3 volunteers in 2 western cities, AVRA has grown in six short years to include 100 volunteers in 14 locations, and plans are now underway to reach out to every major alumni centre in North America. Prospective students will therefore be contacted earlier than ever before by alumni. By personalizing enquiry and application procedures, this could make considerable impact on McGill's future enrolment statistics.

Thanks to a generous contribution from an enthusiastic graduate, Liaison Officer Adrienne Jones, BA'81, is now working exclusively with AVRA. The success of this program will hinge, however, on continued and extended input from McGill graduates. Interested alumni can contact AVRA through the Information and Liaison Office, 805 Sherbrooke Street West, Montreal, Quebec H3A 2K6, Tel. (514) 392-4842.

The "Friends of McGill Football" (FMF) has recently been established by graduates and supporters of the McGill Redmen. The group aims to increase interest in the football program, to maintain contact with the university's football family, and to provide much needed financial support. Through these initiatives, FMF also hopes to ensure that the football recruiting effort will continue to supply the university with players who are well qualified academically and athletically. Graduates wishing to contribute their time or wanting additional information, please contact Vaughn McVey, BSc'57, at (514) 336-7016 or write to Friends of McGill Football, Department of Athletics, 475 Pine Avenue West, Montreal, Quebec H2W 1S4. □

PERSPECTIVE



David Rosen

Last year Urban Scrawl, *The World as Seen Through the Bemused Eyes of Erika Ritter, was published by Macmillan of Canada. In this collection are sought-after pieces from her CBC* Stereo Morning *radio series as well as new Ritticisms. Regina-born Ritter, who is said to have thespianed her way through McGill and the University of Toronto's Drama Centre, recently spent a few months in Montreal where she was writer-in-residence at Concordia University and a guest auctioneer at a Playwright's Workshop benefit. Ritter has received the Chalmers Canadian Play Award in 1980 for* Automatic Pilot *and the ACTRA Award for Best Radio Drama Writer in 1982. Her articles, be they fact, fiction or her special blend of both, have been published in newspapers and magazines across Canada. So, enjoy, and read along with Erika through "Awake and Single," "Career Costuming," and "The Answering Machine," until you come to:*

THE DIRTY THIRTIES

by Erika Ritter, BA '68

Tell me if this rings a bell. Back in the sixties, when you were a college student, the rumor was that Prince Charles – then a mere eighteen or so – planned to attend university in Canada.

Instantly, your imagination raced on fast forward to meeting the prince in an economics class, chatting him up over a cup of bad coffee in the Student Union building – then marrying him, in a flurry of astonished headlines. "Heir to Throne Smitten by Commoner with B Average." "Canuck Co-Ed Majoring in Monarchy." Sigh.

So what if the prince came across as a bit of a goop, with those ears that looked as though they'd been created in anticipation of Dolby sound, and the kind of shoulders never intended to hold up coveralls? He was rich, he got to go on neat trips, and if you could only land him, you'd never have to work a day in your life.

Well, of course, Prince Charles wound up going to Australia instead – or joining the navy, or getting caught up in a protracted game of polo, or something. The point is, he never showed up in Canada, and you taught yourself to forget all about him. Right?

Right. Only Prince Charles wouldn't *let* you forget. A full fifteen years later, he decides all of a sudden to get married.

But does he call *you* up for old times' sake? Does he say, "Look here, I understand you were rather keen on me some years back. What say we make up for lost time and tie the knot?" He does not.

Instead, he scours the kingdom for a virgin (oh, come now) and marries Lady Di who, at nineteen, is almost exactly the age *you* were when you planned to marry him all those years ago! So how come *you* had to grow up and the prince didn't?

Because you're a woman, that's how come, and therefore uniquely able to understand why, in the newspaper business, the number "30" signifies The End. And while you're not particularly thrilled to be in your thirties, you've gone past the point where you can ignore the fact that it's happened.

For one thing, your mother appears to have shrunk. This is a dead giveaway. For another, your own kids' music seems far louder than what you used to play. Unless you're childless, in which case you find you keep cranking up the volume, just to drown out the ticking of the biological clock.

But one big consolation (not all *that* big, but something) is that you're not alone with your thirties-hood. Dear Lord no. Not only are you a woman (fifty-one per cent of the population right there), but you're also part of the generation known, rather inelegantly, as "the baby boom" – the post-World War Two reproductive glut that has meant, for you, a lifetime of never being alone, any place.

In kindergarten, there were never enough slides and teeter-totters to go around; in grade school, there were so many of you, some had their desks out in the hall. As for college? Let's not even talk about college. (Too many painful memories of being left at the altar by Prince Chuck.) Suffice it to say that, for a baby-boomer, getting into university made the Kremlin look like a drop-in centre.

Of course, because there are so many other women your age, you've arrived in your thirties to find that men are as scarce as the swings back in the playground.

Where on earth are they? They can't all be married. You had the good grace to either get divorced or stay single – why couldn't they? Nor can they all be gay – just the good-looking, interesting ones went that way.

Taking a leaf from Prince Charles' book (or Pierre Trudeau's or Brian Mulroney's), you try to beat the odds by seeking out a younger mate. Besides, you've read that, sexually speaking, older women and younger men are both at their peak. Yum.

Ho-hum. To women of your tie-dye and brown-rice generation, today's younger men seem shockingly corporate – sporting attaché cases instead of backpacks, and putting highrises on the land instead of going back to it.

Who *knows* if these guys are sexual dynamite? They never put down *The Financial Post* long enough for you to find out.

With a defeated sigh, you turn to Jane Fonda's Workout album, trying to take heart from Jane's taut example of what awaits you in your forties, while not resenting her too much for goading you into stretches you are in no way ready for in your thirties.

Yet you know – if Jane would just stop dinning in your ear long enough for you to think – that there really is an upside (as your Young Corporate Boyfriend would say) to this whole business of being thirty-plus.

For one thing – and this is key (as your Y.C.B. would also say) – you're finally beyond the age when you even need to *consider* a roommate. So what if your fifth-floor bachelor walk-up is so small the milk chute counts as an extra bedroom?

It's all yours: your (grey) hairs in the bathroom drain, your negligence that murdered the schefflera.

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And if you're living with a man, you're well past the stage where you have to draw up those boring feminist contracts to determine who changes the beds and who mows the lawn. Neither one of you does. Every six months, provided the relationship is still intact, you simply move.

Another big advantage of your recent maturity is that you're finally adult enough to stand up to your hairdresser. Don't make the mistake of underrating this achievement. The Croix de Guerre has been awarded for less.

And in clothing stores, you need not even pretend to take an interest in the New Wave look, thank God.

There. You see? It's really not all that bad, this business of being over thirty. No, really. Come on, now – stop sticking pins into that Princess Di doll and listen to me. It's not that bad. Honest. □

WHERE THEY ARE AND WHAT THEY'RE DOING

'20

HAROLD SEGALL, MD'20, a cardiologist and recognized authority in the history of medicine, was recently presented with a John B. Neilson Award of the Associated Medical Services, Inc.

'25

SYLVIA (SCHWARTZ) RAFF, BA'25, of Westmount, Que., recently published *Purple Ironweed: A Canadian Legacy of Tales and Legends,* a book about the North Shore of the St. Lawrence River from the 1920s to the 1960s.

'28

SAMUEL I. HAYAKAWA, MA'28, a former U.S. Senator and now in his second year as a special advisor to Secretary of State George Schultz, recently returned from a diplomatic assignment to Tonga, Papua/New Guinea, and Fiji.

'29

NORAH VERNON TOOLE, BSc'29, was given one of five Persons Awards by Governor-General Jeanne Sauvé, in recognition of the work she has done in New Brunswick for women's rights, native rights, and peace.

'34

GEORGE PRAHALES PANOS, BEng'34, has been appointed vice-chairman of The Becker Milk Co. Ltd., which operates stores, gasoline stations, and dairies in Ontario.

'35

MARGARET (WALKER) MONTGOMERY, MA'35, has been elected chairperson of the board of trustees of the Michigan Osteopathic Medical Center, Detroit, and has also received awards for community volunteer work.

'36

DAVID SIMINOVITCH, BSc'36, MSc'37, PhD'39, has received the 1984 Award from the Ottawa Biological and Biochemical Society.

'37

MANUEL G. BATSHAW, BA'37, DipSW'38, was awarded the Samuel Bronfman Medal for service to Allied Jewish Community Services and to the community in general as consultant and volunteer.

FRED W. PRICE, BA'37, MA'42, is the recipient of the Public Service Award of the Canadian Public Relations Society for his contributions to education and social welfare.

'40

HAROLD WARWICK, MD'40, of London, Ont., was presented with the the Canadian Cancer Society and the National Cancer Institute of Canada's 1984 R. M. Taylor Medal.

'41

F. CLARKE FRASER, MSc'41, PhD'45, MDCM'50, professor of clinical genetics at Memorial University of Newfoundland, St. John's, was recently appointed an Officer of the Order of Canada and will return to McGill as emeritus professor this summer.

S. SIMON REISMAN, BA'41, MA'42, has been named a director of Consoltex Canada Inc.

'42

SIR WILLIAM RANDOLPH DOUGLAS, BA'42, Chief Justice of Barbados, recently received an honorary LLD from the University of the West Indies.

'45

RAYMOND MILOT, BEng'45, president of Téléphone Milot, was awarded a Prix des communications 1984 from the Gouvernement du Québec.

BLANCHE LEMCO VAN GINKEL, BArch'45, is active in celebrations surrounding the 100th anniversary of women at the University of Toronto, where she is a professor of architecture.

'46

JACK HALPERN, BSc'46, PhD'49, Louis Block Distinguished Professor at the University of Chicago, won the American Chemical Society Award for Distinguished Service in the Advancement of Inorganic Chemistry.

'47

ROBERT J. LAYTON, BEng'47, was elected Member of Parliament for Lachine, Que., and has been named Minister of State for Mines in the Government of Canada.

HERBERT SHAYNE, BCom'47, is chairman and chief executive officer of Werthan Industries Inc., a paper, polyethylene, and textile packaging company.

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'48

ILAY C. FERRIER, BCom'48, has been named vice-president, finance, and treasurer of John Labatt Ltd., London, Ont.

'49

JOHN BIRD, BArch'49, has returned to private practice in Montreal after having spent several years in North Africa and Saudi Arabia.

ARTHUR P. EARLE, BEng'49, has been appointed senior vice-president, development and research, of the Canadian operations of Dominion Textile Inc.

GEORGE L. HENTHORN, BCom'49, vice-president of Bell Canada, has been appointed chairman of Financial Executives Institute Canada.

PAUL MARSHALL, BCL'49, president of Westmin Resources Ltd., Calgary, Alta., is the new president of the Canada Development Investment Corp.

R. KENNETH ROBERTSON, BEng'49, and son Scott, BEng'79, have formed QUATRO Financial Services Inc., offering integrated planning for executives and professionals.

'50

W. KEITH BUCK, BEng'50, MSc'51, has recently retired as secretary-general of the International Lead and Zinc Study Group, London, England.

D. RONALD HICKEY, BEng'50, BSc'63, has been appointed senior petroleum engineering consultant of Hatch Associates Ltd., Calgary, Alta.

'51

ROSS E. CHAMBERLAIN, BEng'51, DipMan'63, BA'63, has been appointed senior group vice-president for the operations of AMCA International, a financial services group.

MAX MARGLES, BEng'51, has been named project control officer of First Quebec Corp., a developer of office buildings in the Montreal area.

WILLIAM A. McVEY, BCom'51, has been appointed senior vice-president, Canadian operations, of Dominion Textile Inc.

J. F. EMILE PEPIN, BCom'51, has retired as director of operational audits of the Farm Credit Corp., Canada.

DONALD J. ROSS, BEng'51, is director, operations, of Interprovincial Pipe Line Ltd., Edmonton, Alta.

'52

G. DENTON CLARK, MEng'52, this fall gave a convocation address at the University of New Brunswick, Fredericton, and received an honorary doctor of science for serving UNB as a volunteer and for his work at RCA where he is now board chairman, president and chief executive officer.

DONALD F. CURRIE, BEng'52, has become a partner with Hay Management Consultants, Toronto, Ont.

RAYMOND DENSON, BSc'52, MDCM'56, has joined the Federal Corrections Service at the Regional Psychiatric Centre, Saskatoon, Sask.

CLIFFORD F. JARDIM, BEng'52, has been appointed president and chief executive officer of Phillips Cables Ltd.

GORDON MOUNT, BEng'52, has been appointed vice-president, business development, of Control Data Canada Ltd., a computer products and services company.

KIM ONDAATJE, BA'52, has recently published *Small Churches of Canada,* with Lester & Orpen Dennys.

J. DUNCAN STRACHAN, BEng'52, has formed Strachan Equipment Sales Co., Markham, Ont. which is a sales agency for induction heating and melting systems.

'53

MALCOLM TASCHEREAU, BEng'53, former president of Dome Mines Ltd., has been named to the Ontario Securities Commission.

'54

JOHN W. McGILL, BCom'54, has been elected chairman of the board of Liquid Air Energy Systems.

'55

MORREL P. BACHYNSKI, PhD'55, was given the 1984 Canadian Association of Physicists Medal for Achievement in Physics for his work in fusions.

MARIE-GENEVIEVE (PUVREZ) LANE, BA'51, MD'55, was recently appointed a justice of the peace in the county of Surrey, England.

ME J. VINCENT O'DONNELL, BCL'55, a senior partner in the law firm of Lavery, O'Brien, was elected Bâtonnier of Montreal for 1984-85.

CHARLES R. SCRIVER, BA'51, MD'55, has been appointed to the Science Council of Canada and to the new medical advisory board of the Howard Hughes Medical Institute.

DONNA SEXSMITH, MSW'55, of Los Angeles, Ca., completed her PhD on child abuse/neglect and teaches child psychotherapy and family psychology.

'57

WILLIAM JAMES, PhD'57, chairman and chief executive officer of Falconbridge Ltd., was picked by the *Financial Times* as a "Newsmakers '84 Winner."

IRVING LUDMER, BEng'57, is the new president and chief executive officer of Steinberg Inc., Montreal.

ELVA POZNANSKI, MD'57, has been appointed director of a new section of child psychiatry in the department of psychiatry at Rush-Presbyterian-St. Luke's Medical Center, Chicago, Ill.

'58

DOUGLAS G. BROCK, BSc'58, has been appointed manager, Kitchener, Ont., office, of Merrill Lynch Canada Inc., and has been elected vice-president of the Kitchener-Waterloo Symphony Orchestra.

A. (TONY) SKINNER, BEng'58, is president of Monenco Consultants Ltd., an engineering consulting firm.

'59

ROLAND B. BRETON, BCom'59, has been appointed executive vice-president in charge of development of The Laurentian Group Corp.

'60

MARY BIEDERMANN, BCom'60, has been promoted to branch management for Host Software with IBM Canada, Don Mills, Ont.

HARVEY A. CONDY, BEng'60, has been named president of Betz Inc., Kanata, Ont.

NORA CLAIRE FREY, MSW'60, is a psychiatric social worker at Texas Research Institute of Mental Sciences, studying the mentally ill and homeless in Houston.

JACK ROSEN, BSc'60, has just completed a two-year term as president of the London, Ont., Jewish Community Council and is currently regional coordinator for Animal Health Week (28 April - 4 May 1985).

'61

MARCEL MASSE, BCL'61, undersecretary of state for external affairs, recently received an honorary doctor of laws from the University of New Brunswick, Fredericton.

'62

E. MARY BUZZELL, BN'62, director, nursing services for the elderly, Victorian Order of Nurses for Canada, recently received the Award of Merit from The Registered Nurses' Association of Ontario.

C. STEPHEN CHEASLEY, BA'59, BCL'62, is the chairman of Montreal's Board of Trade.

JIM DONALDSON, BArch'62, has been appointed director of properties and facilities for Air Canada, Montreal.

YVES DUHAIME, BCL'62, is Quebec's new Minister of Finance.

WILLIAM C. HARKER, BEng'62, has been appointed executive vice-president, personal financial services, of Royal Trust, Toronto, Ont.

'63

MICHAEL D. BORDO, BA'63, has recently co-edited a book, *A Retrospective on the Classical Gold Standard, 1821-1931,* published by the University of Chicago Press.

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DAVID PTAK, BEng'63, has been appointed senior vice-president, residential group, of Bramalea Ltd., Toronto, Ont.

'64

A. R. (RAE) CAMPBELL, BEng'64, has been named president of Bantrel Group Engineers Ltd., Calgary, Alta.

DENIS DESAUTELS, BCom'64, has been appointed chairman, public sector accounting and auditing committee, of the Canadian Institute of Chartered Accountants.

HOWARD J. GOLDEN, BA'64, has been elected a vice-president of Towers, Perrin, Forster & Crosby, international management consultants, New York, N.Y.

'65

COLIN ADAIR, BA'65, chairman of the Tiny Tim Fund Campaign at the Montreal Children's Hospital for the past three years, has been inducted into the newly-formed Robert W. Richards Society of Richardson Greenshields of Canada Ltd.

WILLIAM HURWITZ, BCom'65, has become a partner of Stein, Pinkus & Jacobs, a chartered accountants firm in St. Laurent, Que.

ROBERT E. MILNES, BA'65, a partner in the Toronto law firm of Smith, Lyons, Torrance, Stevenson and Mayer, has been elected chairman, national business law section, of the Canadian Bar Association.

DROR WERTHHEIMER, MSW'65, is coordinator of field placements in family therapy studies, University of Tel Aviv School of Social Work, Israel.

'66

ERIC ADLER, PhD'66, a professor of electrical engineering at McGill, received a $30,000 grant from Bell-Northern Research for work on acousto-optics and surface acoustic wave devices.

ANDREW A. BENEDEK, BEng'66, is president of Zenon Environmental Inc., Burlington, Ont., a water decontamination equipment company.

ROBERT D. F. LAWSON, BEng'66, is vice-president, engineering, at Standard Broadcasting Corp. Ltd., Toronto, Ont.

JUDITH R. MEEKS, BSc'66, has been appointed executive director of St. Peter's Centre, a chronic care hospital in Hamilton, Ont.

SISTER GABRIELLA PETONIAK, MSW'66, general director of the Sisters of Social Service in Toronto, Ont., is also an auditor at the Catholic Marriage Tribunal.

CANNIE STARK-ADAMEC, BA'66, MSc'68, PhD'76, is the new head of the University of Regina's psychology department.

'67

JOHN W. ARCHER, BA'67, has been appointed director of technical research of the Canadian Home Builders' Association, Ottawa, Ont.

LEONARD BORER, BCom'67, has become a partner with Richter, Usher & Vineberg, Chartered Accountants.

E. V. DODGE, BEng'67, has been appointed assistant vice-president, marketing, of CP Rail, Montreal.

JAMES LESLIE, MBA'67, has been named president of Monenco Enterprises, a technology and computer applications company.

MICHAEL H. LIST, BCom'67, is president and chief operating officer of Teleride, a computer communications company, Toronto, Ont.

RUTH MELLOR, BN'67, has been appointed director, communications, for the Victorian Order of Nurses for Canada.

ELLEN (STRAUSS) ROSEN, BScN'67, is director of nursing for obstetrics/gynecology/pediatrics/acute care services, Westminster Campus and the Psychiatric Institute, Victoria Hospital, London, Ont.

GLEN K. WOODIN, BEng'67, MBA'69, has been appointed general manager, sales, of CNCP Telecommunications, Toronto, Ont.

'68

JANET KATHERINE LOUSLEY, BSc'68, recently received an MSc in institutional administration from Texas Women's University in Denton and is living in Oxford Station, Ont.

RAYMOND PALLEN, BEng'68, has been appointed division president, Sorel Forge Division, of Slater Steels Corp.

E. COURTNEY PRATT, BA'68, has been named senior vice-president, human resources, of Royal Trustco Ltd., Toronto, Ont.

PERRY SCHNEIDERMAN, BA'68, is the artistic director of The Piggery, Quebec's only English-language summer theatre, located in North Hatley.

NORMAN SEGALOWITZ, BSc'68, associate professor of psychology at Concordia University, Montreal, will lecture this summer on learning a second language at the University of International Business and Economics in Beijing, China.

'70

D. STEVE GRAHAM, BA'70, has joined the IT Corp., Irvine, Ca.

TERRY J. NORMAN, BCom'70, has been appointed president of Churchill Development Corp. Ltd., Edmonton, Alta.

RONALD S. PURCELL, BCom'70, has been named marketing manager, Reckitt & Colman Canada Ltd., Toronto, Ont.

VICTORIA RORKE, BA'70, Dip-Mgmt'81, who runs Victoria Investment Management in Montreal, frequently lectures to McGill alumnae and at Vanier and Marianopolis Colleges in Monteal and at the University of Victoria in British Columbia.

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JOANNE (ISSENMAN) SOROKA, BA'70, is artistic director of Dovecot Studios, Glasgow, Scotland, a company that is currently weaving eleven tapestries designed by Frank Stella.

'71

FERN BAYER, BA'71, is the provincial curator for the Government of Ontario.

ANDRE J. R. BOUDREAU, MBA'71, has been elected president of the Quebec Cerebral Palsy Association.

RICHARD LANDE, BA'71, recently received the National Transportation Week award of merit for his outstanding contribution to the Canadian transportation industry as manager, economic development, CP Rail, and more recently was appointed chief of staff to the new Minister of State for Mines.

S.C. ERIC LEUNG, BCom'71, has been named a partner in the Montreal-Toronto chartered account firm of Richter, Usher & Vineberg.

PAUL H. T. NGUYEN, BEng'71, has been appointed vice-president and manager of Montreal operations, IEC Beak Consultants Ltd., an environmental and conservation services company.

'72

MARILYN JANE BEVAN, BA'72, a Toronto lawyer, is the editor of *The Philanthropist,* a quarterly publication of the Canadian Bar Association and the Canadian Centre for Philanthropy.

BRUCE S. BRADY, BEng'72, has been appointed manager, mining and clinker production, at the Kilmar, Que., magnesite operations of Canadian Refractories division, Dresser Canada, Inc.

G. PETER LEPAGE, BSc'72, has been named associate professor of physics at Cornell University, Ithaca, N.Y.

'73

JANIS LEE LEVINE, BA'73, BSW'75, was recently appointed employee advisory program coordinator, Esso Resources, Calgary, Alta.

WILLIAM S. McLEAN, BSc'73, BArch'74, is partner in the firm Gallop McLean, which provides graphic design, interior design, and design management services in Vancouver, B.C.

'74

MARC DUBE, BEng'74, has been appointed divisional manager, specialty wire, of Greening Donald Co. Ltd., Hamilton, Ont.

RITA (WOLANSKI) MARKLAND, BSW'74, MSW'75, is residing in Ottawa as executive director, International Social Service Canada, following a move from Alberta.

DEBORAH PINSKY, BSW'74, MSW'78, has recently been appointed coordinator of the Cote St.Luc CLSC (Centre local de services communautaires).

JEAN-PIERRE ROSTAING, BCL'74, has been named an officer of the Privy Council in the Secretariat of the Cabinet Committee on Legislature and House Planning.

MIKE SCHOFIELD, BScAgr'74, is assistant technical director, pulp and paper division, Betz Inc., Kanata, Ont.

NANCY ARONSON SHAPIRO, BSW'74, MSW'75, has been director of the Crisis Care Centre, New Orleans, La., since 1977.

IRENE SZABLA, BSW'74, is regional (north) supervisor for Yukon Territorial Government in Dawson City.

GREGORY TARDI, BA'70, BCL'74, has been appointed legislative assistant to the Minister of State for Mines, Ottawa, Ont.

'75

SALLY ANN COUPAL BOWEN, MSW'75, is director of social services, All Children's Hospital, St. Petersburg, Fla., and writes an advice column and weekly feature for the *Tampa Tribunal.*

JOHN J. LUKCA, BCom'75, DipPubAcc'78, has been appointed director, corporate financial planning, of The Baillargeon Group of Companies.

GEORGE W. NIEMAN, MA'75, has been named president and chief executive officer of The Bancroft School, a private school for the developmentally disabled in Haddonfield, N.J.

'76

ELLEN BECK, MD'76, is a family practitioner involved in teaching and consulting for the Hôpital Sainte-Justine, département de Santé Communautaire, in Montreal.

ELIZABETH (GATBONTON) SEGALOWITZ, PhD'76, recently named trainee program consultant in linguistics for the CIDA-sponsored Canada-China project, is spending this summer in Beijing teaching and preparing study materials.

'77

JEREMY BROWN, BSc'72, MD'77, is the director of Intensive Care at Plains Health Centre and assistant professor of medicine at the University of Saskatchewan, Regina.

DONAT A. CHOQUETTE, MBA'77, has been appointed group vice-president of National Sewer Pipe Ltd., Oakville, Ont.

MICHAEL STANLEY COHEN, BA'77, DipPubAcc'82, is a chartered accountant with Zittner Siblin Stein Levine, Montreal.

JACQUELINE COTE, BCL'77, LLB'79, of the Montreal law firm Phillips and Vineberg, heads their new office in Geneva, Switzerland.

RUTH D'HOLLANDER, BEd'77, MEd'79, is a teacher in the Secondary Teaching and Evaluation Centre of the Vancouver, B.C., School Board.

DILPHAN M. KALYON, MEng'77, PhD'80, has joined the faculty of Stevens Institute of Technology, Hoboken, N.J., as an assistant professor of chemical engineering.

JULIE MAMON, BSc'70, MD'77, is a general practitioner and mother who works part-time in a Hudson, Que., clinic.

PIERRE OLIGNY, BCom'77, is a self-employed, Montreal chartered accountant.

YUKIO SADAMORI, MBA'77, is working with Mitsui (USA) Inc., in New York, N.Y.

BARBARA SAMPSON, MA'77, has joined *The Financial Post* as an account manager responsible for advertising sales on financial accounts.

JUDITH ELIZABETH STARR, BSc (Nurs)'77, MSc(ApplNurs)'84, is on the staff of the Children's Hospital of Eastern Ontario as head nurse in public health and discharge planning.

'78

JOHN M. CYBULSKI, MBA'78, has been appointed president of Menasco Canada Ltée., Oakville, Ont.

MASATO MIYACHI, MBA'78, is a representative with the Bank of Tokyo in Calgary, Alta.

RICHARD M. QUINLAN, BA'78, is a lawyer with Brady, Tamoney, Willard & Alexander, East Hartford, Conn.

DORIS STEG, BSc'74, MD'78, is a mother and part-time general practitioner in Montreal.

'79

ABBE SOHNE BENSIMON, BA'79, assistant secretary with General Reinsurance Corp. of Greenwich, Conn., has become a fellow in the Casualty Actuarial Society.

STEVE HAGGERTY, BEng'79, BEng'80, has been appointed senior metallurgist with Teck-Corona Operating Corp. at their gold property at Marathon, Hemlo District, Ont.

DEMETRIOS G. HAMELIN, BSc'79, BEng'84, is a development engineer, utilities, with Syncrude Canada Ltd. in Fort McMurray, Alta.

K. SCOTT ROBERTSON, BEng'79, has formed QUATRO Financial Services Inc. with his father, Kenneth, BEng'49.

JAMES SPARROW, BA'79, is the first Canadian to be selected by the Asian Development Bank, Manila, Philippines, for its young professionals program.

'80

KEVIN CADLOFF, LLB'80, BCL'82, has recently opened his own law office in Montreal and has given clinics at a CLSC.

CHONG KEY GOT, BSW'80, is internal coordinator for the Chinese Neighborhood Society of Montreal.

DR. CHARLES HOROWITZ, BA'80, recently graduated from the University of Minnesota Medical School, Minneapolis, and lives in Brooklyn, N.Y.

ROGERS V. HOWARD, BEng'80, is a lead systems programmer at Interactive Data Corp., Waltham, Mass.

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JOHN H. MacBAIN, BA'80, is director of marketing for the Power Financial Corp. in Montreal and has a law degree from Oxford University and an MBA from Harvard University.
ANTON NEPPEL, PhD'80, recently delivered a paper at the 126th meeting of the rubber division, American Chemical Society, in Denver, Co.
DONNA (SALVATI) OLIGNY, DipPubAcc'80, is a self-employed chartered accountant in Outremont, Que.
MICHAEL E. PROULX, BA'80, has been appointed compensation officer for CN Rail's Prairie Region.
MICHELE P. PUGNAIRE, BSc'76, MD'80, of Barre, Mass., recently received a $1,400 award from the American Academy of Family Physicians to help finance her interest in the part-time teaching of family practice.
CAROL-ANN VASILEVSKY, MD'80, is chief surgical resident at the Jewish General Hospital in Montreal.
ELAINE VININSKY, BScAgr'80, has been awarded the Melville-Ness scholarship in agricultural journalism involving work with CBC Montreal and the Saskatoon *Western Producer.*

'81
LIONEL ALAIN DUPUIS, LLM'81, has been appointed officer responsible for Maritimes boundaries and fisheries, for Canada, at the legal bureau of the Department of External Affairs, Ottawa.
ALEXANDROS HASSON, BEng'81, has joined the General Electric Research and Development Center, Schenectady, N.Y., as a chemical engineer.
PETER MacARTHUR, BA'81, has been appointed third secretary, commercial, to the Canadian Embassy in Moscow, U.S.S.R.

'82
TERRI KASPI-ELITUV, BSW'82, runs a non-profit drop-in centre aimed at helping lonely and troubled people in Montreal.
JOANNE L. KESTEN, BA'82, is studying for her MA in art history at Hunter College, New York, N.Y., and is a docent at the Whitney Museum of American Art.
LLOYD LIVERANT, BCom'82, has joined the firm of Lindor Inc. as manager of data processing.
MICHAEL X. N. NGUYEN, BSc'82, has been appointed project leader, information systems division, of Assumption Mutual Life Insurance Co., Moncton, N.B.
FO NIEMI, BSW'82, is co-founder and director of the Centre for Research-Action on Race Relations, Montreal.

'83
ANN HUNT, BA'83, is a broker for Merrill Lynch, in Boston, Mass.
JANET JOYCE, MLS'83, has been appointed assistant medical librarian at the Royal Victoria Hospital Medical Library, Montreal.
MARTIN LUCHT, DipPubAcc'83, is working as a chartered accountant with the Montreal firm of Ferstman, Rapp & Hecht.
MARK SANTANA, BSc'83, is attending McGill's Dental School.
JOSHUA TAVLIN, BA'83, is a copywriter in the advertising department of CBS Inc. Publications, New York, N.Y.
JAMES S. WEINBERG, BA'83, is an assistant buyer at Macy's, New York, N.Y.
GABRIEL WERNER, BEng'83, is working as a process engineer for Colgate-Palmolive in Johannesburg, South Africa.

DEATHS

'11
ERNEST T. ALWARD, BSc'll, at Ottawa, Ont., on August 31, 1982.

'14
HAROLD NORTHROP, BA'14, on December 6, 1983.

'15
MILLICENT A. DYKE, BA'15, at Montreal, on December 10, 1984.

'18
HORACE R. COHEN, BA'18, at Montreal, on November 13, 1984.

'19
N. LESLIE CRUIKSHANK, BA'19, of Hamilton, Ont., on November 27, 1984.

'21
ERSKINE BUCHANAN, BCL'21, at Ste. Anne de Bellevue, Que., on October 29, 1984.

'23
JAMES M. SCOTT, BSc'23, at Montreal, on November 25, 1984.

'25
GORDON M. CONNER, BSc'25, of Toronto, Ont., on October 25, 1984.
DOROTHY (HUTCHESON) DUCHEMIN, BA'25, of Charlottetown, P.E.I., in the summer of 1984.
GLENNA (GRIGGS) HEALY, LMus'25, of Knowlton, Que., on December 16, 1984.
GORDON H. KINGAN, BSc'25, at Ottawa, Ont., on November 22, 1984.
S. ERNEST LOW, BSc'25, of Natrona Heights, Pa., on November 9, 1984.

Were you in Houdini's dressing room on the night of that fatal blow? See Letters, page 2, for details.

'26
MARGARET C. HIGGINSON, BScA'26, at Toronto, Ont., on November 20, 1984.
FRANCIS A. MACAULAY, MD'26, of Delray Beach, Fla., on April 20, 1984.

'27
JAMES OSCAR AULT, DDS'27, at Canandaigua, N.Y., on November 6, 1984.
WILLIAM S. ROW, BSc'27, at Toronto, Ont., on November 12, 1984.
FRANK R. SCOTT, BCL'27, at Westmount, Que., on January 31, 1985. (See page 10)

'28
KEITH H. BUTLER, PhD'28, at Truro, N.S., on March 26, 1982.
CHARLES D. GRANT, BA'28, of Montreal, on October 13, 1984.
JAMES SALOMON, BA'28, of Montreal, on October 11, 1984.

'29
DR. M. RALPH BERKE, BScA'29, at Ottawa, Ont., on December 10, 1984.
RUTH M. PELTIER, BA'29, at Montreal, on November 29, 1984.
N. EILEEN PETERS, BA'29, at Montreal, on December 11, 1984.

'30
HERBERT L. BROTMAN, BA'26, MD'30, of Montreal, on November 12, 1984.
ALICE E. R. HAND, BA'30, at Hamilton, Ont., on November 23, 1984.
FRANK R. McGREGOR, MD'30, at Cornwall, Ont., on November 21, 1984.
L. PATRICK MOORE, MSc'30, PhD'33, at New London, N.H., on September 27, 1984.

'32
MARGARET (MacCALLUM) BELL, DipNursT&S'32, at Ottawa, Ont., on November 16, 1984.
ROBERT T. (BOB) BOWMAN, BCom'32, at Newcastle, N.B., on July 26, 1984.
FRANCES (HOWLAND) ELLIOTT, PhD'32, of Montreal, in December 1982.
JANET (MORRISON) MITCHELL, BA'32, of Montreal, on January 18, 1984.
HARRY J. TALPIS, BCom'32, at Hallandale, Fla., on October 12, 1984.
DWIGHT WEBB, BA'32, at Toronto, Ont., on October 21, 1984.

'33
FREDERICK W. COWIE, BEng'33, at Knowlton, Que., on January 21, 1985.
G. GRANT MEAKINS, BCom'33, at Hamilton, Ont., on June 21, 1984.

'34
JOSEPH H. STOVEL, BEng'34, of Toronto, Ont., on September 22, 1984.
JOHN S. WISELY, MD'34, at Groton, Ct., on November 5, 1984.

'35
GEORGE G. FALLE, BA'35, MA'37, at Toronto, Ont., on December 11, 1984.

'36
DONALD S. FLEMING, BA'32, MD'36, at Montreal, on September 30, 1984.
FREDERICK W. GRAUER, MD'36, of Vancouver, B.C., on August 29, 1984.
MARK I.H. KAUFMANN, BA'31, MD'36, of Montreal, on November 25, 1984.
CHARLES P. LARSON, MD'36, at Tacoma, Wa., on October 4, 1984.

'37
PETER H. RIORDAN, BEng'37, MSc'38, PhD'52, at Foster, Que., on December 2, 1984.
EDWARD ROSENTHALL, BSc'37, MSc'38, of Montreal, on October 7, 1984.

'38
SYBIL H. (ROSENBLOOM) ELIASOPH, BA'38, of Montreal, on November 15, 1984.
DONALD R. KINNEAR, BEng'38, at Montreal, on December 15, 1984.
ARCHIBALD MITCHELL, BEng'38, at Yellowknife, N.W.T., on June 29, 1984.

'39
M. AILEEN (CHILDS) ASHFORD, BA'39, at Vancouver, B.C., on October 15, 1984.
D. L. BOGER, MA'39, of Atlanta, Ga., on July 20, 1984.
DONALD C. MENZIES, BCom'39, in Florida, on November 9, 1984.
JAMES C. PAGE, BArch'39, of West Vancouver, B.C., on November 16, 1984.

'41
CANON G. NELSON (DUKE) STANDISH, BA'41, at Niagara Falls, Ont., on November 24, 1984.

'42
DOUGLAS K. CAMPBELL, BScAgr'42, at Vernon, B.C., on June 7, 1984.
JOSEPH RAUCH, BA'37, DDS'42, of Montreal, on December 16, 1984.

'44
JOHN D. McCAIG, BScAgr'44, of Ormstown, Que., on November 16, 1984.

'46
REAL GOSSELIN, BEng'46, of Hearst, Ont., in March, 1984.

'47
ROBERT J.P. POOTMANS, BA'47, at Markham, Ont., on September 29, 1984.
FLORENCE (TROTTER) STEWART, BA'47, of Merigomish, N.S., on November 3, 1983.

'48
GORDON L. CHEESBROUGH, BSc'48, at Montreal, on November 20, 1984.
GERALDINE (MacKINNON) KING, BSc'48, of Westmount, Que., on September 27, 1984.

'49
DR. JAMES J. DOYLE, BScAgr'49, MScAgr'50, at Sydney River, N.S., on September 5, 1984.
HELEN JEAN DONALD, BLS'49, in London, England, on May 20, 1982.
CHARLES L. (LARRY) ROACH, MEng'49, of St. Lambert, Que., on September 24, 1984.

'50
GUDNI K. GUNNARSSON, BEng'50, MEng'52, of Salisbury, Md., on July 10, 1984.
JOHN BOYD MacNEILL, BSc'50, at Digby, N.S., on August 14, 1984.
WILLIAM PAUL, BEng'50, of Verdun, Que., on April 19, 1984.
DR. PHILIP A. WRIGHT, BScAgr'50, at Guelph, Ont., on August 30, 1984.

'52
ROBERT C. GREGORY, BEng'52, of Ottawa, Ont., on October 14, 1984.

'54
GERHARD E. KAUNAT, BEng'54, of Wycombe, Penn., in May 1984.
CLIVE A.W. LIDDLE, BSc'49, MD'54, of Shawinigan, Que., on August 16, 1984.
ABEL DAVID SELICK, BCL'54, of Montreal, on December 12, 1984.

'55
WILBERT J. CALLAGHAN, DDS'55, of Minto, N.B., on November 10, 1984.

'56
JOHN L. RABZEL, BEng'56, of Montreal, Que., on November 25, 1984.

'57
BEVERLEY C. NEILL, BEng'57, at Lachute, Que., on October 7, 1984.

'58
MICHAEL C. FEHER, BEng'58, at Montreal, on October 22, 1984.

'60
REV. DAVID W. LUCK, MA'60, at Toronto, Ont., on December 11, 1984.

'64
PATRICK A. M. BLOUIN, BArch'64, at Montreal, on October 12, 1984.

'66
ANDREW DE KOOS, BA'66, at Edmonton, Alta., on December 10, 1984.

'68
NORMAN I. CAPLAN, BA'65, BCL'68, at Paris, France, on October 21, 1984.

'70
CLARENCE T. CHARLEBOIS, Jr., BSc'70, at St. Jean, Que., on November 25, 1984.

'71
MARCEL LAROCHE, BA'71, MA'75, of Longueuil, Que., in March 1984.

'78
MARLENE ANNE GLEN, MLS'78, of Saskatoon, Sask., on August 8, 1983. □

Erratum
We wish to apologize to Luc Parent, BCL'47, for misinforming our readers in the Fall 1984 issue about his new post - which is Superior Court Judge for the District of Montreal.

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Woodland Indian Artist

Benjamin Chee Chee

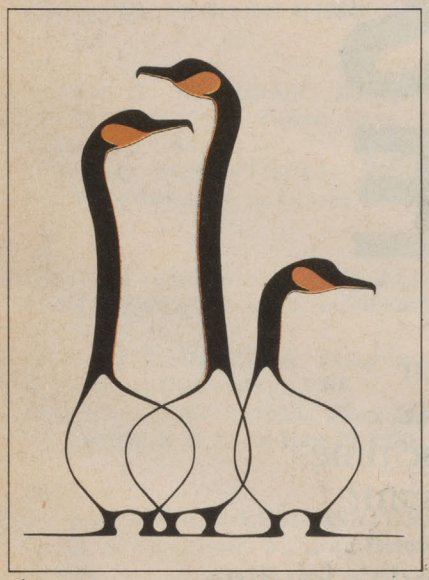
Alumni Media is pleased to present 9 reproductions of works by the late Benjamin Chee Chee. These are the only reproductions authorized by the artist's estate.

A mainly self-taught artist, Chee Chee was a prominent member of the second generation of woodland Indian painters.

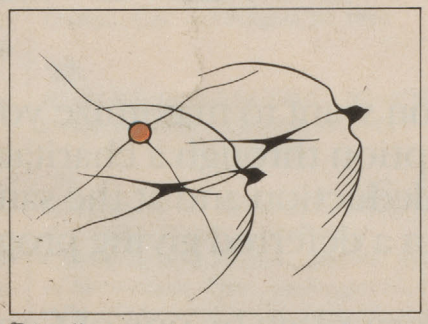
Unlike many of his contemporaries who employed direct and "primitive" means, Chee Chee's work was influenced by modern abstraction. His style reduced line and image in keeping with international modern art.

At the age of 32, at the height of his success, Chee Chee died tragically by suicide.

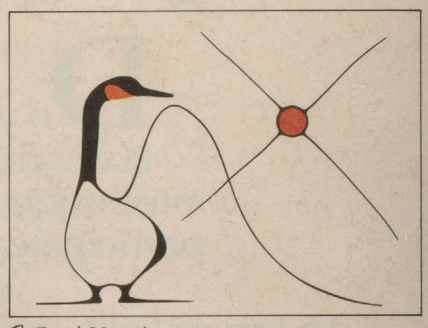
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A Friends



B Swallows



C Good Morning



D Proud Male



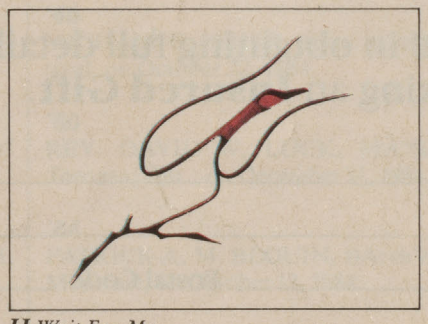
E Mother & Child



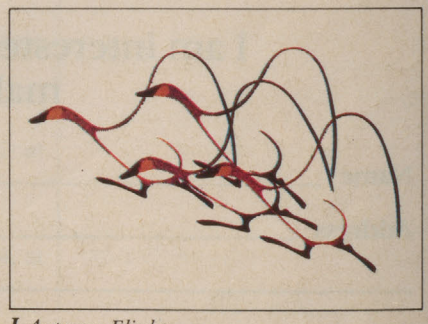
F Sun Bird



G Spring Flight



H Wait For Me



I Autumn Flight

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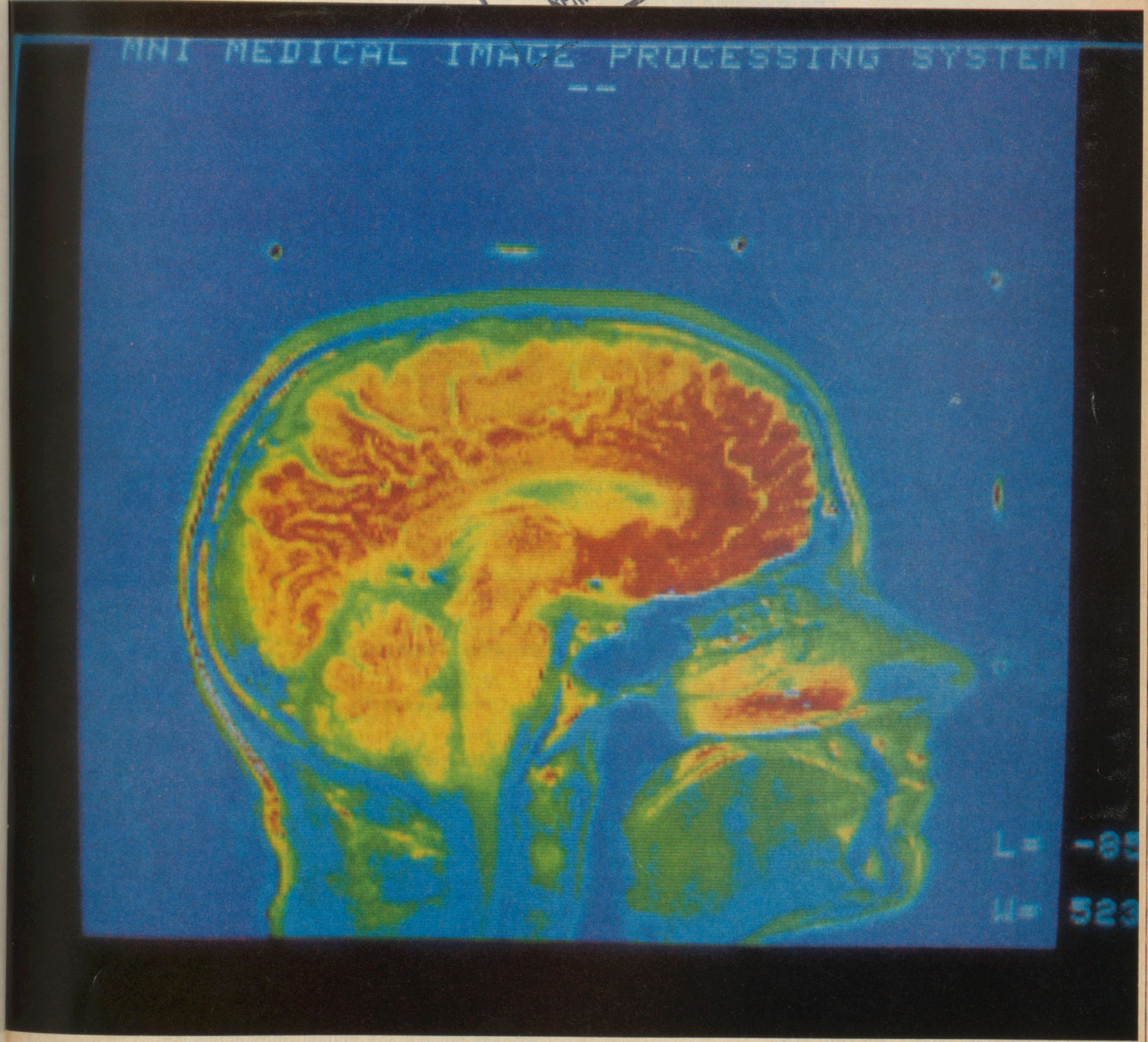
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Summer 1985

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Magnetic resonance imaging: Opening a new window on the brain at the Montreal Neurological Institute



Annual General Meeting

Notice is hereby given of the Annual General Meeting of the Graduates' Society of McGill University.

Thursday, September 19, 1985
5:30 p.m.
Saint James's Club
1145 Union Street, Montreal

The meeting is called for the purpose of receiving reports, presenting awards, electing and installing officers, appointing auditors, and other business.

Joan McGuigan, Honorary Secretary

Graduates' Society Nominations

For Graduate Governor on McGill's Board of Governors
Term - Five years (starting January 1, 1986)
Richard W. Pound, B.Com. '62, B.C.L. '67
Trustee, Martlet Foundation, Former President, McGill Graduates' Society, Former Reunion Chairman, McGill Graduates' Society. Past President, Canadian Olympic Association. Member, Executive Board, International Olympic Committee. Partner, Stikeman, Elliott, Advcts.

For Vice-President Alumnae
Term - Two years
Linda Cobbett, B.A. '67, M.L.S. '69

For Members of the Board of Directors
Term - Two Years
Dr. Robert Faith, D.D.S. '58
Scott Keating, B.Sc. '83
Judy Knight, B.A. '66
Joan Lindsay, B.A. '57
Frank McMahon, B.Sc.(Arch.)'70, B.Arch. '72

For Regional Vice-Presidents
Term - One Year

Atlantic Provinces
John William Ritchie, B.Sc.(Agr.) '51

Quebec (excluding Montreal)
T.B.A.

Ottawa Valley and Northern Ontario
Joan Winters, B.A. '46

Central Ontario
Donald Greer, B.Com. '56

Alberta
Norman Brown, B.Sc. '48, M.Sc. '52

Saskatchewan and Manitoba
Douglas W. MacEwan, M.D. '52

British Columbia
Michael J.B. Alexandor, B.A. '58

Great Britain
Barry J. Moughton, M.C.L. '58

New England States
Lyn Trojanowski-Mononen, B.N. '72

U.S.A. East
Richard M. Hart, Ph.D. '70, M.B.A. '73

U.S.A. Central
Dr. Albert Rabinovitch, B.Sc. '66, M.Sc. '69

U.S.A. West
Dr. Donna Sexsmith, M.S.W. '55

Caribbean
George L. Bovell, B.Sc.(Agr.) '45

Bermuda
John D. Stubbs, M.D. '56

Article XIII of the Society's by-laws provides for nominations by the Nominating Committee to fill vacancies on the Board of Directors and the university's Board of Governors. Additional nominations for any office received before July 31, 1985, and signed by at least twenty-five members in good standing, will be placed on a ballot and a postal election held. If, however, the Nominating Committee's selections are acceptable to graduates, those named will take office at the Annual General Meeting.

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McGill News

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The official publication of the Graduates' Society, the *News* is sent without charge to all recent graduates and to all other graduates and friends who make annual contributions to McGill University.

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Cover: This color-enhanced image of a healthy adult male's brain was produced by the Montreal Neurological Institute's new magnetic resonance scanner, which is the most powerful of its kind in Canada. (See pages 12-14.)

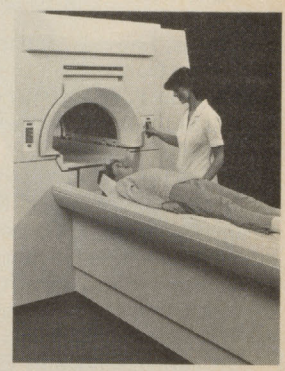
Cover photo: Courtesy of the Montreal Neurological Institute

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Magnetic resonance is a new diagnostic technology. The Montreal Neurological Institute recently installed a magnetic resonance imaging unit in their new brain imaging centre, the Webster Pavilion, that is enabling them to investigate the brain from the "outside," without the use of exploratory surgery.



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This Women's Centennial series concludes with the portraits of female graduates from the '60s, '70s, and '80s, whose accomplishments could only have been made in the latter part of the twentieth century.



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LETTERS

Canon F. G. Scott remembered

It is indeed most fitting that such eloquent and gracious tributes have been paid to the memory of that great Canadian, the late Professor F. R. Scott, including the *McGill News* original plan of a remarkable series of poems by his fellow-poets. It was also pleasing that the *News* mentioned his distinguished artist widow, Marian Dale Scott.

It seems, however, slightly unfortunate that, apart from merely naming his father, Archdeacon F. G. Scott, no mention was made that the Archdeacon was the gallant and famous "Canon Scott," known to all the men of the Canadian Division in World War I, in fact, to many of them personally. Further, three of Professor Scott's elder brothers also served in that war, one being killed in action, another severely wounded, and the third suffering permanent poison gas injury.

This earlier service to Canada has not gone unremembered by the ever-dwindling band of that war's veterans and should not be allowed to be forgotten. A comment on it, of course, in no way detracts from appreciation of the multiple achievements and distinction of Professor Scott.

Beatrice Lyman Johnston, MA'29

Visit of prophetic anthropologist recalled

Last year, in 1984, the world celebrated 100 years of Franz Boas's contributions to anthropology. Boas (1858-1942) was one of the greatest scholars of Amerindian and Inuit cultures. Of German-Jewish parentage, he was educated at the Universities of Heidelberg and Bonn and received his PhD from Kiel in 1881. The account of his first scientific expedition in 1883-84 to Baffin Island, Northwest Territories, was the start of a series of brilliant reports. After 40 years at New York's Columbia University, he retired in 1936 to become professor emeritus. During his career he was largely responsible for encouraging women to enter the field of anthropology, one of his students being Margaret Mead.

In November 1937 McGill's Sociology and Biological Societies brought Boas to McGill to lecture on "Race." A tiny man, he stood at the bottom of the vast amphitheatre in the Biology Building speaking his fractured English with a certain diffidence. He talked about exploding popular racial fallacies, a timely topic to deliver during the rise of Nazism. Suddenly, the sun streamed down to envelop his white hair in a halo. Those of us who were there have an indelible image of a prophet – speaking not in the wilderness, but to hushed devotees who, like Ruth Benedict and Claude Levi-Strauss, had entered the enthralling world of anthropology.

Today, as guest curator of the Inuit collection of the McCord Museum *(McGill News,* Winter/Spring 1985), I find that the spirit of Boas is still helping us understand ancient cultures. Among the many puzzles in the Museum's Inuit collection is a small ivory tablet from Southampton Island. It measures 5.5 cm by 2.6 cm, has perforations top and botton, and is decorated with dotted lines.

A McCord researcher found the answer in Boas's 1907 report on the Eskimo of Baffin Land and Hudson Bay. The artefact is a hair ornament worn by women of the extinct Sallirmiut Inuit, whose culture remained close to that of the Thule peoples, forebears of the present-day Inuit. The Aivilingmiut who were taken to Southampton Island by whalers at the beginning of the twentieth century may have found and adopted these ornaments, so carefully drawn and explained for us by this great father of ethnology.

With each new discovery about the McCord Museum collections, our thanks go to scholars such as Boas who have helped immeasurably in the study of humankind.

Betty Issenman, BA'40, DipSW'42

Dr. "Monty" – distinguished veteran and physician

After his death on 4 March 1985, colleagues of Lorne Cuthbert Montgomery, MD'20, asked me to write a memorial, since we had served together at the Montreal General Hospital and in London during World War II. As a "naturalized" member of the McGill community, I would be pleased to share it with your readers.

Born 5 August 1894 in New Richmond, Quebec, Montgomery enrolled in Medicine at McGill University in the fall of 1912. He proved to be both a good student and a brilliant athlete, by 1915 completing three years of the five-year medical undergraduate course. World War I had broken out, and it was characteristic that "Monty" wanted to enlist for overseas service. He joined the McGill unit, No. 3 Canadian General Hospital, as a private, and went overseas in May 1915. Shortly thereafter he was promoted to sergeant. Not satisfied with the relative protection of a base hospital, he transferred to the 42nd Battalion, Royal Highlanders of Canada in 1916 and was commissioned as an infantry officer, serving at The Somme, Vimy Ridge, and Passchendaele. Four times wounded, he was awarded the Military Cross for bravery in action.

By early 1918 it became clear that those qualified to receive medical education should proceed to their degrees, otherwise a serious shortage of doctors might result. Accordingly, Monty was returned to Canada to resume his course. He completed the final two years and received his MD, CM in 1920, as well as the Wood Gold Medal for clinical studies.

He then interned at the Montreal General and Johns Hopkins Hospitals, joining the former in 1923 as an assistant in the department of medicine. The next year he was appointed a junior demonstrator in Medicine at McGill University. His rise in rank was not spectacular; it seldom was in those days. But it was steady. By 1936 he was a senior physician at the hospital and, in 1939, a full professor of Medicine at McGill.

War came again and, as might be expected, he enlisted promptly, this time as officer in charge of medicine in No. 14 Canadian General Hospital with the rank of lieutenant colonel. He arrived in England with his unit in 1941, and it was not long before he was transferred to Canadian Military Headquarters in London as consultant in medicine with the rank of colonel.

Monty was ideally suited to this post. His experience in World War I gave him an intimate understanding of the problems of both officers and other ranks, and he had a wide-ranging knowledge of institutional practice. Grateful recognition came from several quarters. In the New Year's Honors List of 1945, he appeared as an officer of the Order of the British Empire. He was made a fellow of the Royal College of Physicians of London and an honorary fellow of the Royal Society of Medicine of London. The president of the United States awarded him the Legion of Merit for "many improvements in the care of sick personnel in the American Army."

During World War II, Monty gave freely of his strength in the performance of his duties and, in the end, he gave too much. He suffered a serious breakdown in health and was returned to Canada in February 1945. It soon became obvious that he could not resume his active posts in the Montreal General Hospital and at McGill. To his keen disappointment, he had to retire and, at the hospital, was appointed to the consulting staff. Thereafter he confined his medical activities largely to private practice. In 1960 McGill University recognized his contributions to medicine by conferring on him the title of emeritus professor.

As the years went by, fewer and fewer remembered his remarkable military career. But for some of us, he will always be "Colonel" Monty.

Dr. Edward H. Bensley,
McGill Emeritus Professor,
Humanities and Social Studies
in Medicine,
Honorary Osler Librarian,
and Montreal General Hospital
Consulting Physician

McGILL UNIVERSITY LIBRARY

NEWSBREAK

Demographics, flags and speeches

Two small McGill flags that once flew through space now hang in campus offices. Donated by the McGill Bookstore, these souvenirs accompanied Canada's first astronaut, **Marc Garneau,** on the Challenger last October. Garneau and his backup, **Bob Thirsk,** MD'82, prepared for medical experiments on this space shuttle flight under the supervision of **Douglas Watt,** BSc'65, MSc/MD'69, PhD'74. A member of the Faculty of Medicine's Aerospace Medical Research Unit, Watt has been working for a decade with the Canadian astronaut team, helped by the federal Medical Research Council and NASA.

In order to define "fruitful areas for future testing," Garneau did exercises during the flight to determine individual thresholds of body sensations and perceptions of weightlessness. Blindfolded, he felt he was pulling the wall when he grasped a handle, for example, and couldn't judge the angle of his arm when it was moved by his fellow payload specialist. The nervous system needs time to readjust to earth too: "The first night back," Watt says, "you should leave the light on or you might miss the edge of the bed."

This academic year the **enrolment** of full-time students at McGill was 16,658 –up 1,821 from a decade ago. Included in this figure was an increase of some 1,350 graduate students –up from 2,521 to 3,871. The number of undergraduate degree candidates, as compared with 1974-75, increased by only 563 – up from 11,753 to 12,316.

How did the **Redmen** and **Martlets** rank this year? Five teams made the Canadian Intercollegiate top ten: men's soccer and football, women's basketball, and both sexes in cross country running. QUAA Provincial Championships went to both the men's and women's teams in cross country running, alpine skiing and track and field and to the Redmen on the basketball court and on the soccer field. The soccer team defeated Concordia 3-0 in Molson Stadium on 31 October. Hockey Martlets led their league by defeating John Abbott College. Football? It was third in the nationals, losing to Queen's in Kingston. Hockey? The final record was 12-21-2 (won-lost-tied) after a season that included 13 non-conference games at 8 New England and 3 Upper Canadian universities. (See SPORTSBREAK).



Jenny Addesa

Last winter Aerospace Medical Research Unit Director Dr. Geoffrey Melvill-Jones (left to right), Dr. Douglas Watt and Dean of Medicine Dr. Richard Creuss exchanged handshakes with astronaut Marc Garneau, who presented the university with a souvenir montage containing a McGill flag and a Canadian flight badge from his October voyage on the space shuttle Challenger.

News-makers spoke to students this spring: **Noam Chomsky,** of Cambridge's Massachusetts Institute of Technology, on "Changing Perspectives on Knowledge and Use of Language" and, under the sponsorship of the McGill Study Group for Peace and Disarmament, on "The Drift Toward Global War"; **Stan Grey,** BA'65, a McGill lecturer in '67-'69 who now directs the Hamilton Workers Occupational Health and Safety Centre, on "The 60's at McGill: Student Radicalism"; **Henry Morgentaler,** sponsored by the Women's Union and the Program Board, on his efforts to reform Canadian abortion law. (Morgentaler said a documentary shown by the McGill Pro-Life group on the day he visited campus "promotes hatred towards women." The film, "The Silent Scream," was made by Cornell University obstetrician and McGill grad, **Bernard Nathanson,** MD'49. It shows ultrasound images of an abortion at the end of the first trimester of pregnancy.); Toronto nurse **Susan Nelles** spoke to invited nurses and nursing students about the legal ramifications of her profession; **Eugene Whelan,** president of the World Food Council and former federal agriculture minister, said the solution to famine in Ethiopia rests in the hands of their farmers, but North Americans must help.

NEWSBITS

• Weekly **Studies for Seniors** began this spring. Retired staff and alumni were among those who discussed "Our Evolving Idea of the Physical World" and "Canadian Politics in the '80s." The Centre for Continuing Education would like suggestions for future topics and invites seniors to telephone 392-4905. • In May, to celebrate International Youth Year, the **Royal Victoria Hospital** held a folkloric song and dance benefit to raise funds that will help pay for their adolescent psychiatry service education program. • $50,000 Canada Council I.W. Killam prizes have come to **Phil Gold,** BSc'57, MSc/MD'61, PhD'65, for AIDS and cancer research, and to **Raymond N. Yong,** MEng'58, PhD'60, for soil engineering studies. • A Rhodes scholarship to Oxford this fall went to **Claude Généreux,** a McGill civil engineering student embarking on law studies. **William Gnam,** a Rhodes winner from the University of Calgary, studied chemistry here in '80-'82.□

SPORTSBREAK

For fitness and fame

If you aren't familiar with the McGill sports complex on Pine Avenue here in Montreal, the sheer size of the operation might come as a surprise. According to Coordinator of the Intramural Program Jan Meyer, there are 5,000 students who just go out and take some exercise for the sheer pleasure of it. And there are more than 300 intercollegiate representatives who virtually abandon social and private lives to hone their athletic skills. A hockey player, for instance, is expected to give up some thirty hours a week in pursuit of excellence on the ice. "And," says Athletics Director Bob Dubeau, "you had better continue getting those good grades or else..."

In the past year McGill teams placed above average in intercollegiate competitions. (See NEWSBREAK.) The highlight for many was the success of the Redmen and Martlet (men's and women's) track and field teams. In the 1984-85 Quebec University Athletic Association (QUAA) Championships, the men's team found its anchor in sprinter Orlando Haughton. Haughton has continuously dominated the 60 and 300 metre races throughout his university career. On the distaff side, the Martlets, led by Rosemarie Walker, prevailed over their competitors in the long jump, various relays and the 50 and 300 metre sprints. With this backup, McGill completed the double by winning both the men's and women's sections of the QUAA Championships.

The McGill Redmen football team, perhaps the university's athletic flagship, also enjoyed a successful season. They entered the foray taking on their arch-rival, the University of Toronto Varsity Blues, in an intense encounter that ended with the Blues edging McGill 25-20. Put on their mettle, the Redmen rebounded to defeat the strong Concordia Stingers and scored a notable road victory against the Ottawa Gee Gees. The most outstanding player to emerge on the gridiron this year was quarterback Jaimie Crawford, awarded the Forbes Trophy for bringing the most credit to the university by way of athletic achievement.

Boasting an unbeaten spate of 39 games dating back to 30 September 1981, the McGill Redmen soccer team compiled a 9-0-1 record by season's end. Defeat, however, finally came when they went down 1-0 to British Columbia in the Canadian Intercollegiate Athletics Union (CIAU) semi-finals at McGill's Molson Stadium. Soccer players saw their head coach, Gord Gow, BEd(PE)'74, and assistant coach, Zack Berganski, chosen jointly as Coach of the Year by their QUAA peers.



On 22 March at the Sports Awards Banquet, Robin Anderson of the Marlinettes Synchronized Swim Team and Redman quarterback Jaimie Crawford were cited as the most valuable university athletes of the year.

Moving into the winter season, the alpine ski team was outstanding. Both the men's and women's teams won the QUAA Championships. The men, led by Captain Louis Beauchemin, comfortably outdistanced Université du Québec à Montréal and rivalrous Laval. The women did themselves proud under the leadership of freshman Mary White and Christine McNulty.

Hockey closed to mixed reviews. The McGill Redmen hockey players began with a flourish, taking their first six league games. With fourteen rookies in the lineup, they experienced difficulty in picking themselves up when things started to get tough. At the end of the season, they placed fourth in the QUAA Championships.

Martlet hockey, until recently, was at a low ebb. In the last two years, however, Coach Ivy Steinberg, BA'77, has managed to turn things around. With revived determination to win, this year's Martlets placed second in their league and qualified for the provincial championships.

Finally, at the Sports Awards Banquet on 22 March, Robin Anderson of the Marlinettes synchronized swimming team received the Muriel V. Roscoe Award for an individual woman student exhibiting proficiency and leadership in athletics in her graduating year.

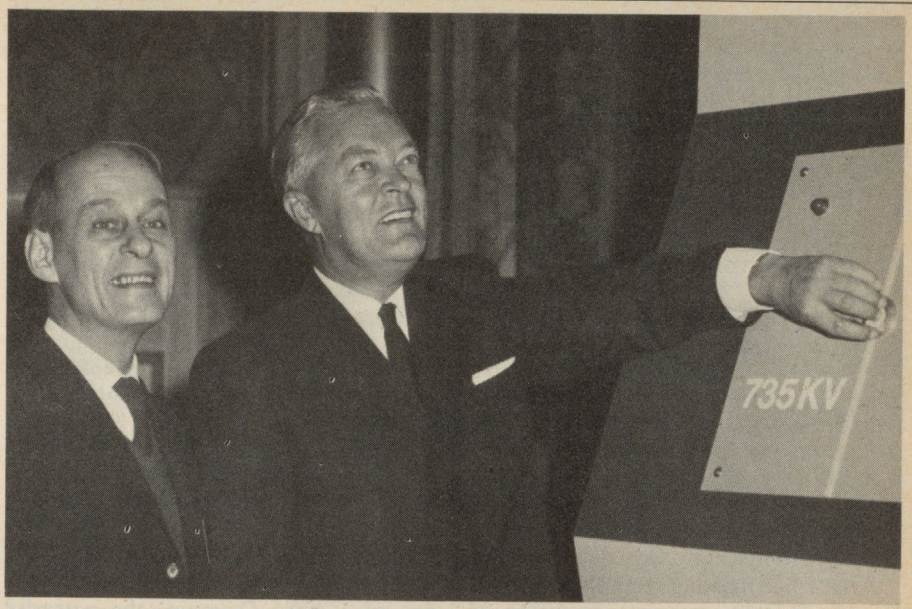
There were also those many, many other athletes out there this year, competing for the good name of the university: Although unsung, they also served. *Simon Twiston Davies*□



"Competing for the good name of the university" brought these student athletes a Molson Player of the Year Award: (left to right) Hélène Cowan (Basketball); Graham Butcher (soccer); Steve Niles (football); Michel Moatti (Molson's representative); Glenn Miller (football); Bernie Rosanelli (basketball) and David Ducharme (hockey).

WHAT THE MARTLET HEARS

A sage look at the father of the Quiet Revolution



Hydro-Quebec

Jean Lesage (right) and René Lévesque inaugurate a 735,000-volt power-transmission line for Hydro-Quebec.

Quebec's motto is "Je me souviens," a reminder of the province's origins. Today what Quebecers perhaps remember best about their collective past is the "Quiet Revolution." It has become a watershed, the point in time now recognized in conventional wisdom as the beginning of modern day Quebec.

Historians do point out that the Quiet Revolution was as much a product of pressures that had been building for years as it was of Jean Lesage's "équipe de tonnerre." The time before 22 June 1960, the day Lesage assumed the post of Liberal premier of Quebec has, however, by now been relegated either to the category of ancient history or to "la grande noirceur," as the Duplessis era has come to be known. The political, economic, social, and cultural realities considered relevant today stem from the decade for which Lesage is both the symbol and the touchstone.

McGill Professor of Political Science Dale Thomson's book, *Jean Lesage and the Quiet Revolution,* will become a classic reference work for that pivotal period. This superbly documented biography of the "father" of the Quiet Revolution also includes a description of the institutions it spawned and an examination of the values it changed. In the plethora of material already available on just about every facet of these years that so radically altered Quebec society, Thomson's study stands out because of the scope, objectivity and detail of its authoritative research and analysis.

Jean Lesage and the Quiet Revolution is three books in one. The first section is the dispassionate story of a passionate man, a biography of the over-achiever from Quebec City whose private life always took second place to his public and professional commitments. This is in no way a personal story. Lesage, the man, is touched on but not developed. It is Lesage, the public figure, viewed and assessed by his contemporaries, who comes through in these pages. And his portrait is intricately and intrinsically tied to the movement he organized, led, at times followed, and in the end tried unsuccessfully to represent alone.

The Quiet Revolution now appears so inevitable that we often forget its tenuous beginnings. Quebecers did not sweep the Liberals to power in 1960. It was a narrow victory and as Thomson says, "subsequent analysis revealed it to be even narrower. While they had done well in Montreal and Quebec City, their majorities in some areas were disconcertingly slim. Thirty-four candidates had won by margins of less than 5 percent. Even in the Montreal area, René Lévesque won by only 129 votes, Gérin-Lajoie by 149. It was a very mitigated mandate for change."

Far from mitigated, the change that followed was so sweeping and fundamental that Quebecers rebelled six years later. In 1966 Director of *Le Devoir* Claude Ryan advised voters that Lesage "was 'undoubtedly sometimes disagreeable, impetuous and erratic,' but still had qualities of 'efficiency, flexibility and style' that made him one of the most dynamic men in Canadian public life."

The perceived defects outweighed the proven qualities in the electoral scales. Lesage was voted out, and the Quiet Revolution was said to have come to an end. With hindsight we can see that it was only a respite.

Reading through Thomson's account of the Lesage regime, one is reminded how much recent political developments owe to those quiet revolutionaries of the sixties. The Liberal program for that 1966 election, entitled "Québec en marche," promised both a human rights declaration and commission. In the field of social affairs, a public universal health insurance plan would be instituted and a consumer protection office created, among other reforms. "With regard to education, priority would be given to adult education and retraining; a new university would be created in the centre of Montreal and university centres in the various regions." And there was a major cultural innovation: "French would be made the principal language of work and communication in Quebec, and all public signs would give priority to French."

The second section of *Jean Lesage and the Quiet Revolution* is devoted to a more specific and technical account of the building of the Quebec state into the instrument that would modernize the province. It constitutes a detailed history of the great reforms of the period. We are led through the revamping of the civil service, the legislature and the electoral process; the financial, economic and intellectual upheavals and reorganizations; the setting up of so many institutions we now take for granted.

Many of the men and ideas by whom and with which policies and programs were fashioned are also still with us. When Thomson writes that "the Lesage government's economic policy had two basic facets: the stimulation of growth and the assertion of control over the economy by French Canadians," he could be speaking about 1985. "Jobs for the emerging (French-speaking) elite" is still or again a government objective.

The third and final section deals with the effects of the Quiet Revolution on Quebec's national and international relationships. The parts relating to constitutional reform and repatriation are of particular interest and pertinence today. It was in Lesage's day, after all, that the terms "special status" and "association" emerged, that an amending formula (Fulton-Favreau) was first given serious consideration and that the strategy of confrontation that would mark Quebec-Ottawa relations for the next twenty years was refined and institutionalized.

With its index and reference notes, Thomson's scholarly appraisal of how Quebec started on its journey from there to here will be of lasting value in keeping what we remember of that historic era straight. *Gretta Chambers*□

GERFEL seminar fêtes French women's writing

On the occasion of International Women's Day, 8 March, McGill's department of French language and literature hosted a conference in the Peterson Hall on McTavish Street. The organizers were students of le département de Français, who have formed Le Groupe d'Etude sur la Représentation de la Femme en Littérature (GERFEL). The main theme of their "colloque" was the emerging power of women in literature. Ten papers, each of about half an hour in length, were delivered.

After some opening remarks, Gabrielle Pascal, PhD'70, associate professor of French literature and director of the McGill French summer school, presented the first paper. Her subject was George Sand, the infamous French author, born Lucile Aurore Dupin. Pascal went on to discuss the voluminous correspondence that Sand maintained with such literary luminaries as Gustave Flaubert.

The director of Concordia University's Simone de Beauvoir Institute, Mäir Verthuy, who has also studied at McGill's French department, spoke next. She lectured on the need for women to develop "une théorie féministe de critique littéraire." Members of the audience joined the lively discussion period that followed in the small, but comfortable, wood-panelled "salon des professeurs."

The after-lunch paper, delivered by student Denise Laniel, stimulated the most response from the predominantly female gathering. Her topic was Quebec's first woman novelist, one of the province's most original nineteenth century writers, Marie-Louise-Félicité Angers. Laniel, who like all the other speakers proved to be knowledgeable and accessible, pointed out that for a woman, like Angers, to choose a literary career and remain celibate was unusual and courageous at that time.

Angers, who was born in La Malbaie in 1842, is best known for her novel *Angéline de Montbrun* which, Laniel said, was quite a passionate piece of literature. Published first as a magazine serial in 1881 and then as a novel in 1883 under the pseudonym of Laure Conan, it escaped the censorious pen of L'Abbé Casgrain, the powerful critic-priest of the period, who admitted in a letter that the book with its strong, individualistic heroine "troubled" him despite its obvious piety.

The plot unfolds through a deft mix of epistolary and diary forms: Angéline, engaged to Maurice, a young man she loves deeply, suffers a disfiguring accident soon after her father's death. Refusing to be married on the grounds of pity, she breaks her engagement and chooses to manage the estate her father bequeathed to her – independent and alone, Angéline finds her faith in God reaffirmed. Laniel argued that the work defied patriarchal society in a subversive manner and closed her "exposé" by reading an excerpt.

French literature graduates Marise Deschamps, BA'84, and Anne Vassal, BA'81, MA'84, took the floor to describe François Villon's "représentation de la femme," and "Renouvellement de la théorie psychanalytique: Julia Kristeva." Linda Cormier, Marguerite Andersen and Ghislaine Charlier also addressed the audience.

The day's final speakers dealt with voices that are clearly feminine although not feminist as we know it – those of the modern French-Canadian authors, Gabrielle Roy and Anne Hébert. Tina Noubani, BA'83, pointed out that Roy, using autobiographical material, created characters in search of a "paradis terrestre," a theme that runs throughout her work. On the other hand, Marcel Fortin, the only male participant in the colloquium, described Hébert as a pioneer, "une éclaireuse." By exploring what it meant to be a nationalist, he said, she abetted the coming of age of Quebeçois literature.

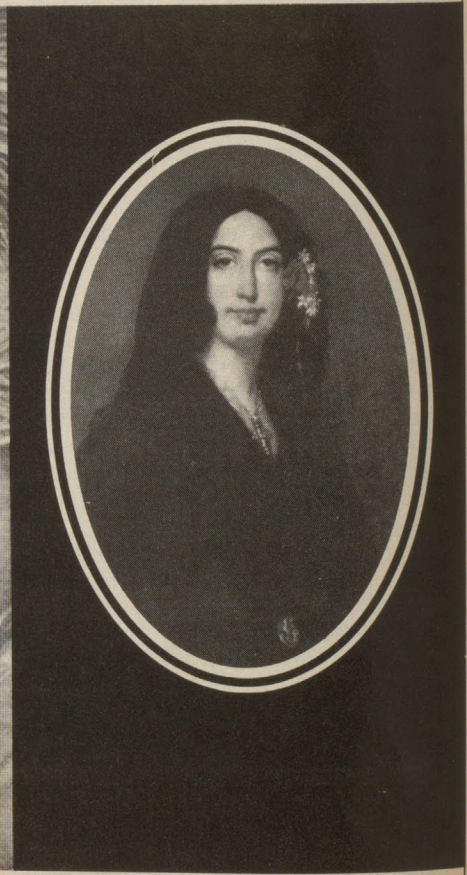
The conference ended at 5:30 pm with a round of warm, well-deserved applause and an assurance by the GERFEL moderator that, with sufficient funds, the event would take place again next year. *Anne Cimon*□



Laure Conan

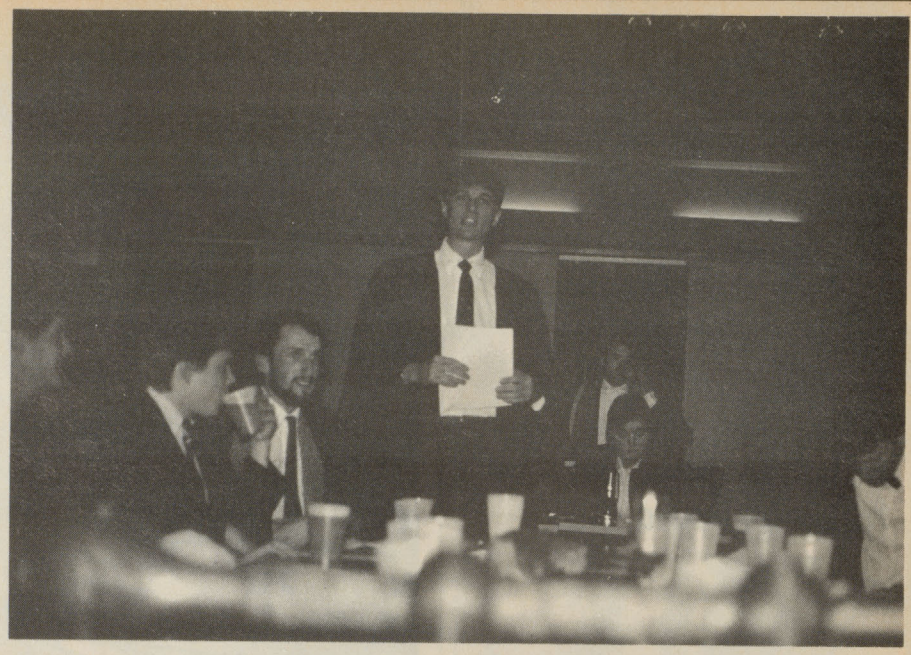


Anne Hébert



George Sand

The McGill Debating Union welcomes the "Worlds"



Melanie Garrett

McGill Law student Scott Keating (standing) announced the beginning of an exhibition debate organized by the following Scottish delegates: (seated left to right) Kenny Barber and Kerry Flinn of the Glasgow Dialectic Society; Frank Bowles of the University of Dundee, Michael McKirdy of the Glasgow University Union, and John Duffy of the University of Toronto.

In February the McGill Debating Union welcomed one hundred students who came from seven countries to compete in the 1985 World University Debating Championships. They represented such prestigious universities as Oxford, Sydney, Wellington and Princeton. Although the Debating Union is the oldest McGill student group and has been a training ground for such renowned Canadians as Prime Minister Sir Wilfrid Laurier, BCL 1864, and poet Leonard Cohen, BA'55, this was the first time they had hosted the championships.

The debaters occupied Leacock and Arts building classrooms during McGill's study break and argued in parliamentary fashion two prepared resolutions: "Resolve that no thanks be to God," and "Resolve that this house would abolish alliances." In addition to the planned topics, contestants were given five extemporaneous resolutions a few minutes before the rounds began. "These extemps are usually highly entertaining," says McGill Debating Union President Ben-Zvi Cohen, BCom'85. "They ran the gamut from 'This house rejects free education' to 'Truth flies out the window when love walks in the door.' "

The Debating Union's expertize in organizing the Winter Carnival Tournament for the past thirty-six years, primarily for North American students, well qualified them to sponsor the "Worlds." Busy hosting the event, the McGill debaters did not compete this year. They did, however, treat the public to a light-hearted costume debate in Redpath Hall where, before the Good Shepherd spoke from the floor, the ghosts of Emma Goldman, Karl Marx, Niccolo Machiavelli and Thomas Hobbes rose to argue that "this house would question authority."

Supervised by Cohen, organizers Melanie Garrett, Elizabeth Jarvis, and Scott Keating, BSc'83, started planning the championships fourteen months before the actual event. Cohen also managed finances, as well as public and university relations. Jarvis organized the banquets, parties, social events and the judging, while Garrett set up a computer program used in the tabulations room and was in charge of systems and operations – getting people to the right place at the right time.

Keating, as principal fund raiser, launched a campaign of letters to major corporations. He succeeded in securing two cornerstone grants from Montreal and New York family foundations. Funds were also obtained from the federal Ministry for Youth's International Youth Year program, from Air Canada, the McGill Students' Society and the Graduates' Society.

The Debating Union received an honorarium enabling it to hire an outside accounting firm to audit the scores recorded by the three hundred volunteer judges. Cohen feels that "this ensured that the results reflected fairly on the competitors. It lent a lot of credibility to the debates."

One setback the organizers suffered was the delayed payment of some grant money. "We went through a lot of anxiety. We didn't know how many services we could provide until we had raised the funds," says Cohen. Once they were finally obtained, the Debating Union was able to claim another "first." Thanks to the generosity of the contributors, downtown hotel reservations were made for all the visitors.

Accommodations aside, the real excitement at the "Worlds" is the talents of the orators themselves. Cohen says that the qualities of a champion include "style, manner, presentation and persuasiveness." But wit and ingenuity are not sufficient: "A good debater walks the line between having an analytical and a theoretical approach. An intellectual background or cognitive framework is important."

This time King's Inn of Dublin, Ireland, won. This mature team was manned by the smooth-speaking Shane Murphy and the vehement Damien Crawford, who leaned forward on his knuckles during his turns at the speaker's table. The controlled and discreetly warm Martha Hirschfield and adroit Tim Moore of Brown University, Providence, R.I., placed second.

This World Championship followed Canadian parliamentary debate procedure, one of three styles used in international tournaments. The other two are American on-topic debating and British parliamentary debate. In American proceedings, students prepare a given topic six months in advance. "The debaters bring quotes from *Time* or *Atlantic Monthly* and read out all these facts on, say, nuclear testing," explains Cohen, "which can be very boring!"

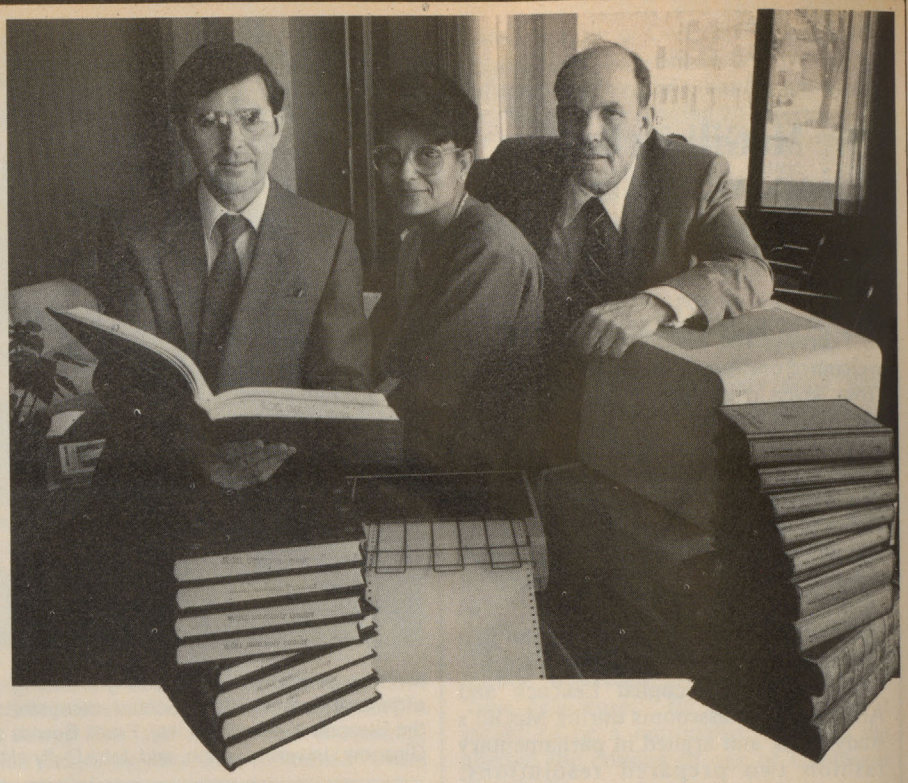
Such evidence is used differently in parliamentary debate where, Cohen says, "people don't want to hear facts, they want to hear ideas." Although in both the British and Canadian systems the emphasis is on principles, only Canadian rules allow topics to be redefined. "In the resolution, 'No thanks be to God,' for example," says Cohen, "God can be interpreted as Ronald Reagan in Canadian debating style. But in the British, you have to take the resolution at face value." As a result of this freedom of interpretation, he feels, "you get many more colorful characters in Canadian debating than you do in Britain or the United States."

Attending the Edinburgh "Worlds" last year, Cohen attests to a growing international interest in Canadian parliamentary debate. Scotland recently held a Canadian-style tournament, he says, where students debated moral issues. He, himself, is committed to articulating the principles of our parliamentary debate. "What we are dealing with," Cohen concludes, "are issues and moral questions that form the fundamental backbone of how you perceive yourself in society – your world view."

Louise Holubek□

McGill Advancement
Commitment to excellence

Library automation and collection-building proceed hand in hand



Rick Kerrigan

Books and computer terminals symbolize the progress Area Librarian for Humanities and Social Sciences Calvin Evans, Systems Librarian Anastassia Khouri St-Pierre and Acting Director of Libraries Dr. Hans Möller (left to right) hope to make in an effort to automate the library as well as to continue collection-building.

It's close to the end of Winter Term, 1990. You're writing a paper and need just a couple more references. Do you go directly to the library, fumble through the card catalogue and microfiche, scribble numbers and letters on a scrap of paper, then head for the stacks, hoping all the while you'll find the titles you need? In a word, NO.

By 1990, McGill will have become one of the first university libraries in North America with completely integrated, online automated records. You'll sit down at a computer terminal in any university building – or dial the library system from your home computer. After identifying yourself, you'll call up onto the screen by author, title, or subject the items you'll need. And, since you will have been using this procedure for a couple of years, you'll have developed your own ways to speed it up: you'll ask for only book titles; only editions printed since 1986; only at McLennan. With more time, or at the start of a larger research project, you'll be equally able to search any one or all twenty-four of the on-campus libraries and perhaps off-campus ones as well.

You'll see right away which items are on loan, on reserve, in processing or out for binding – and which await you on the shelf. Wherever you are, a printer next to the terminal may print a short list giving the call numbers, location, author and title of the books you'll need. Only then will you "go to the library." Up to that point, through automation, the library will have come to you.

After a year of "high-level, hard-nosed" planning, McGill called for bids this spring for a totally integrated system to serve library users and the librarians who order, catalogue, circulate, and manage the university's vast collection. "The technology has improved so much that now we can have a fully integrated system," Dr. Hans Möller, director of Libraries, says. "We've taken time to plan and to anticipate our true needs. The full features of the system won't work until all records are available online, and this 'recon' – retroactive conversion of library records – is now underway. It will take about three years. Meanwhile, the first hardware and software for the automated system will begin to be used this fall."

Emphasis will be on user access, Möller says, rather than management control. Hundreds of terminals across campus will make the complete catalog available online. "Training is a major component," he adds, "and we've assigned a full-time librarian to develop a training program for staff and users."

Contributions through the McGill Advancement Program (MAP) total some $5 million for library projects to date: $2 million for automation and another $3 million for acquisitions. "Throughout my career," Möller observed, "I've never worked in a situation where I received as much support as I enjoy now from MAP and McGill's administration. The library is one of the most expensive items in a university to run. There's pressure from all sides to provide more service, longer hours, more books and so on. And these are related, of course. There's no point having automation without a good collection."

The rising cost of good library collections, however, makes ordinary inflation figures look modest. More books are appearing every year; their individual cost increased by as much as 60 percent in a single year; the rising U.S. dollar erodes purchasing power even further in fields like life sciences where 75 percent of all purchases come from the States. "For several years," Möller adds, "our budget has held steady, amounting to a 15 percent decrease in spending and a much greater fall-off in buying power."

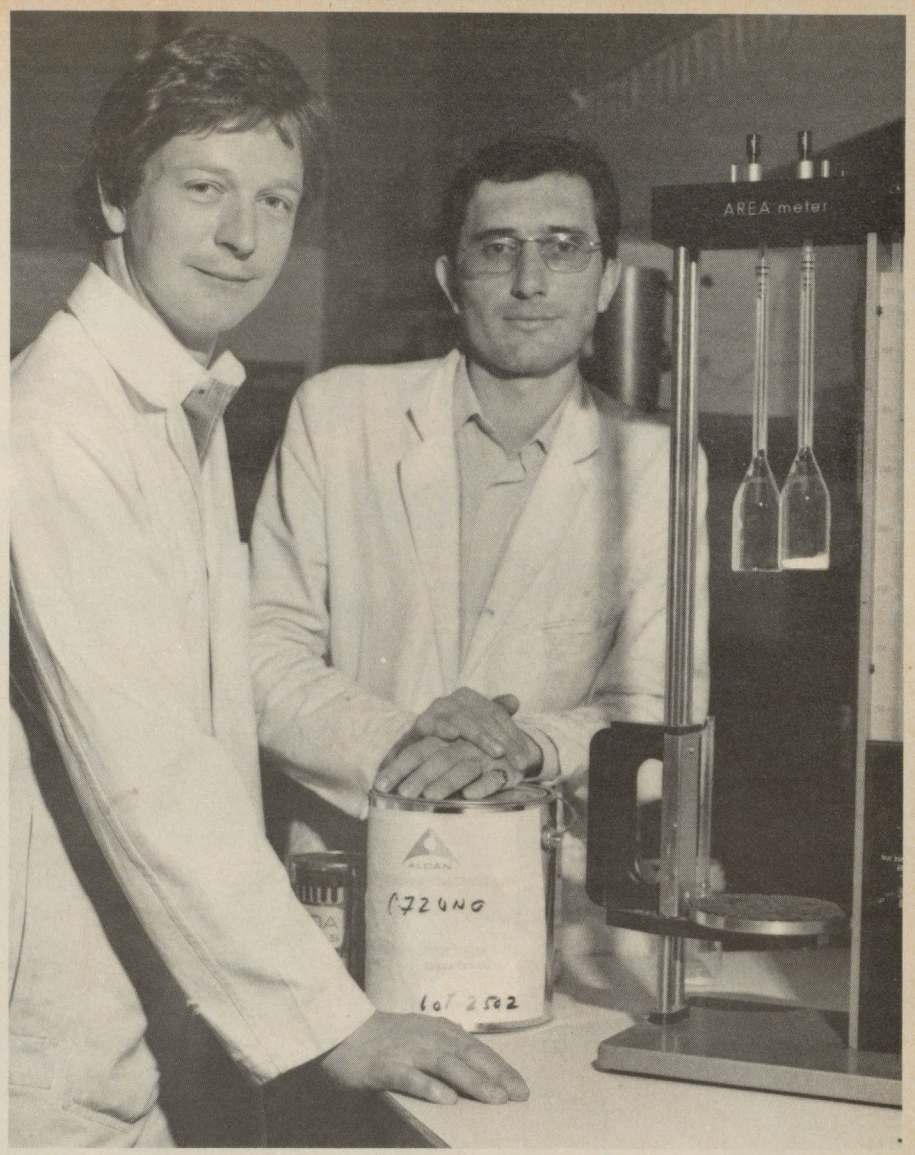
As a result, steps were taken to ensure the value of new acquisitions. "We're developing better relations with the different schools and faculties," Möller says, "building bridges we've never had before. We have good staff and good relationships with our colleagues. Besides that, we have more sophisticated ways to assess current inventory and to access other national collections. So we can buy in a discriminating, but courageous way."

In the sixties, when students flooded into McGill, library budgets skyrocketed. "But collections weren't greatly increased," says Möller. "Services were added. Many books were purchased, somewhat indiscriminately. Now, we can know more precisely what we need. Tight money leads to better decisions."

Donations of $4.32 million to MAP have been designated for the library collections throughout the university since the campaign was launched in the autumn of 1983. The library will also stand to benefit with an additional $2 million in funds allocated for library automation. A university-wide planning exercise preceded the campaign; the total goal for MAP is $61 million. *Vivian Geeza*□

McGill Advancement
Commitment to excellence

New research lab studies advanced ceramics



"By 1986, we'll be able to offer courses in ceramics engineering at an advanced level," says Dr. Robin Drew (left) of the chemical engineering department, assisted here in their Advanced Ceramics Laboratory by post-doctoral fellow, Dr. Christian Brodhag.

Rick Kerrigan

Lightweight automobile engines that never overheat. Synthetic hip joints that function smoothly. Thin porcelain rods that hone a knife more quickly than the traditional sharpening steel. These inventions are only a few applications of advanced ceramics – a new incarnation of a technique that started with the first clay pot.

Major breakthroughs came with the United States space program. At present, the electronics industry is a major user. The future will see ceramics replacing metal for cutting tools, wear-resistant parts, and combustion engines. In McGill's Faculty of Engineering, Dr. Robin Drew heads a team that will work on the frontiers of knowledge, exploring ceramics for high temperature and medical use.

The new ceramics are intrinsically strong and "highly covalent," Drew says. "They are also relatively lightweight and extremely resistant to heat. The raw materials needed are cheap and non-strategic, that is, they are based on compounds of silicon, aluminum and other metals that make up a large portion of the earth's crust."

Research at McGill will focus on fabrication problems. "These new advanced ceramics are non-traditional," Drew explains. "Engineers are only beginning to understand how they behave under stress and to develop ways of testing and predicting failures. We plan to look at two steps in the extremely important fabrication process – powder preparation and sintering. The latter is a solid state process where material is heated, or fired, to below its melting point, somewhere between 1500 and 2500 degrees Celsius, to obtain a dense and solid ceramic body."

"The strength of ceramics at both room and very high temperatures is strongly influenced by voids or pores in the structure and by impurities," he continues. Today engineers are using purer oxide, carbide and nitride compounds to make components three times as strong and heat resistant as traditional pottery. As a result, designers will be able to create engines with higher operating temperatures and greater energy efficiency. The advanced ceramics will not only fill existing needs – they will create a world of new possibilities for improved design and engineering.

In medicine, ceramics have been used to replace missing bone sections since 1963. The first compounds were prized for their acceptance by the body; they were relatively bio-inert and long wearing. Some 30,000 artificial hip joints were made of alumina ceramic components during a five-year period. Current medical research is working towards perfecting more active compounds that are either reabsorbable (for temporary bone fillings) or surface reactive; the latter are used for replacement elements that support growth of nearby tissues and are consequently "recognized" by the body as part of itself.

Wear and abrasion resistance are vital for the medical applications of these new ceramics. McGill's Advanced Ceramics Laboratory in the chemical engineering department has facilities for making advanced ceramics of different types, preparing powders and measuring the size and uniformity of particles, and testing the strength and other physical properties of the finished material. Researchers include Drew, Christian Brodhag and two graduate students.

A donation by Alcan Aluminium Ltd. of $200,000 to the McGill Advancement Program established the laboratory; this project is among some sixteen research areas in Engineering that stand to benefit from private sector support through MAP. "We've received support for a major equipment purchase from the NSERC (Natural Sciences and Engineering Research Council)," Drew reports, "and Alcan's donation opens the way to additional financial support from NSERC and private industry. By 1986 we'll also be able to offer courses in ceramics engineering at an advanced level." *Vivan Geeza*□



MICHIGAN STATE UNIVERSITY LIBRARIES

Canada's boom babies of the fifties have become the young adults of the eighties.

They're changing the way we live.

Between 1952 and 1965, Canada experienced an incredible baby boom. Today, those boom babies have grown up. And now, there are nearly 7 million Canadians between the ages of 18 and 35. That's almost 2 million more than normal birth rates might have produced.

This population bubble is changing our society. It's being reflected in our labour force, in accommodation patterns and in contemporary social standards. But also in a growing demand for goods and services, information and entertainment.

Our changing society is being reflected at the Commerce. We're adjusting to better suit the needs of today's young adults. For example, the average age of many Commerce loan officers is now between 25 and 30.

We're active in helping young adults acquire homes. During the recent high interest rate period, we pioneered a variable rate mortgage.

We're also bringing new technologies on stream, such as automated teller machines, to provide the service flexibility young adults demand.

For many years, the Commerce has been a bank young Canadian adults have turned to for financial help and guidance. For today's young people that remains something they can count on.

In a changing world, you can count on the Commerce.

CANADIAN IMPERIAL
BANK OF COMMERCE

MRI at the MNI: Opening a new window for brain imaging

by Donna Flint

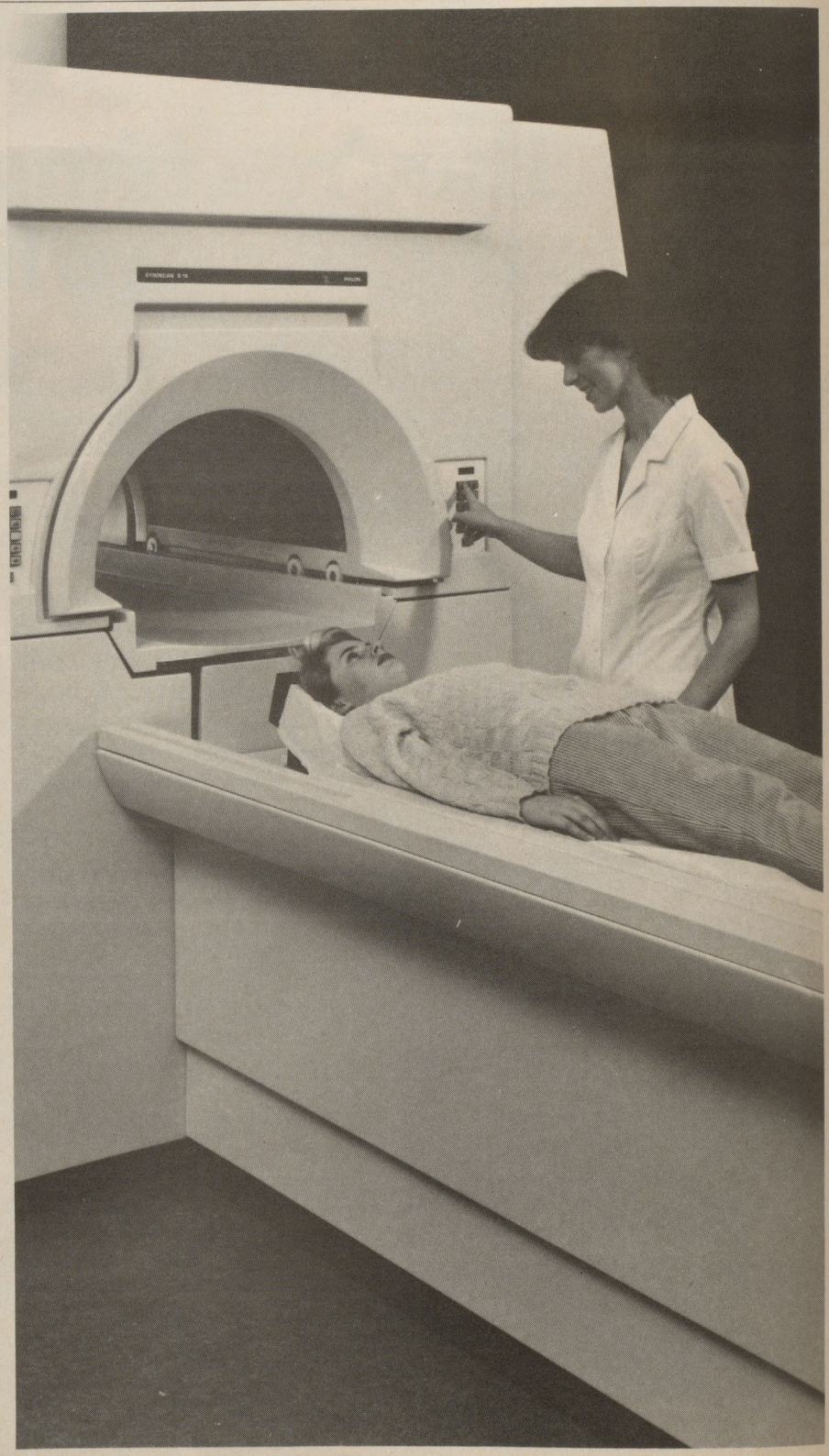
A two-million-dollar, Dutch-made magnetic resonance imaging (MRI) scanner began full-time operation in March at the Montreal Neurological Institute (MNI). The installation of this technology marked the third in a series of firsts for the fifty-year-old institute. In 1973, the MNI purchased Canada's first computerized axial tomography (CAT) device, which allowed doctors to examine contiguous slices of soft brain tissue without surgery. Several years later the MNI acquired the nation's first positron emission topography (PET) scanner, which produced a biochemical picture of live tissue. And now MRI is providing an even better look at the brain.

Of all the MRI units in Canada, located in Vancouver, London and Toronto, the MNI's is the most powerful. Its magnetic field is 30,000 times the strength of the earth's own field. Arriving last September the equipment just slid, with centimeters to spare, through a basement-wall hole in the new four-storey MNI extension that houses MRI, CAT, and PET scanners and electroencephalogram and spectroscopy laboratories. This imaging centre was the "brain child" of its founding director, neurosurgeon William Feindel, MD'45, director of the institute until last year. "It's all due to Dr. Feindel's foresight. I can't stress this enough," says Dr. Terence Peters, assistant professor of diagnostic radiology, neurology and neurosurgery.

These "million dollar wonders," as the scanners are called, have been purchased with the help of members of the Montreal business community. To honor Colin Webster, BA'24, and his family's contributions to the MNI, the brain imaging center has been named the Webster Pavilion. "The Webster family have been extremely good to us, contributing funds from the beginning of the first scanners," says Dr. Roméo Ethier, MNI chief of radiology.

"With MRI the investment is pretty high, but it's something we must have. MRI is going to change the whole diagnostic field of medicine," says Ethier, who predicts that shortly, almost every epileptic patient will "automatically" have an MRI scan.

Also known as NMR, for nuclear magnetic resonance, MRI developed from a laboratory technique that exposed small chemical samples to magnetic fields as a means of analysis. In 1952, two American physicists won a Nobel prize for showing how these procedures could probe atomic



A technician prepares to "tune" her patient for a magnetic resonance imaging scan.

Montreal Neurological Institute

nuclei. Then in 1973, a Brooklyn doctor, Raymond Damadian, predicted the method could be adapted to take pictures of the nuclei inside the body, providing a window on the living organism.

Today the MNI is in the vanguard of this rapidly advancing, multi-disciplinary technology. Feindel describes the challenge: "It's as though you are using a rocket ball rather than a pitch ball in baseball. You have to keep up with the field."

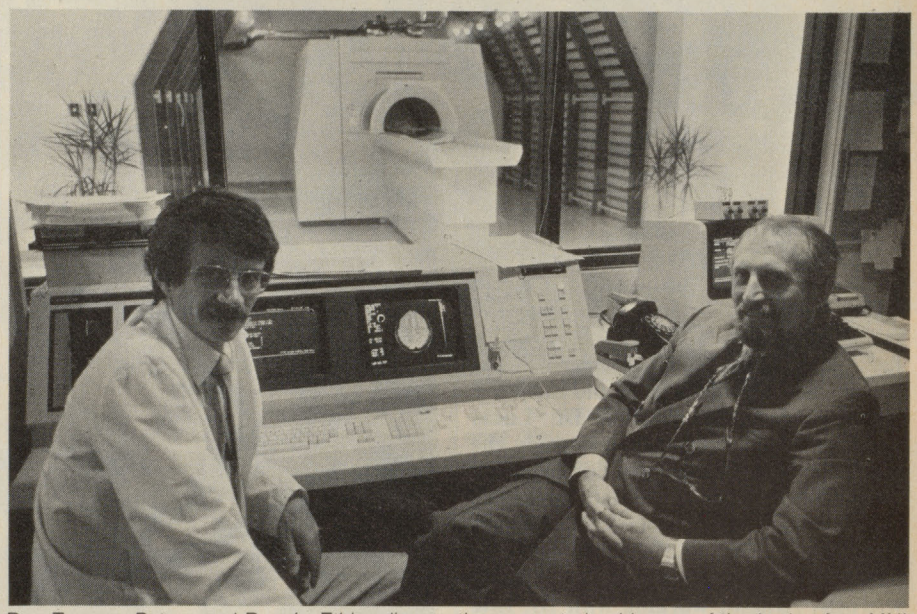
Heralded as the greatest thing since the X-ray, the MRI is an extremely valuable tool because, unlike PET or CAT, no X-radiation is employed. "It should be noted," says Peters, "that one great advantage of MRI is that neither the magnetic field nor the radio waves used are harmful to the human body. With MRI, we can do testing more often and follow-ups more frequently.

With CAT, an X-ray beam is scanned across the patient from many angles. The emerging beam is registered by a detector, sending information to be reconstructed as a detailed image on a computer screen. With PET, a patient is injected with a biochemical substance, usually glucose, that is "tagged" with a radioactive isotope emitting positively charged electrons. In collision with the body's negatively charged electrons, these positrons emit gamma rays detected by a device encircling the patient's head. The rays are collected and, using spectroscopy, color-coded into computer images depicting the metabolic activity of the brain.

Eliminating the introduction of a chemical tracer into the body, an MRI system consists of a human-sized tube set in the center of a cylindrical magnet. While the patient lies motionless in this enclosure, hydrogen atoms in his or her body act like tiny magnets to line up with the field of the large magnet. They are then "perturbed" from their positions by a radio-wave signal, generated by a computer and transmitted to the patient by way of a surrounding antenna. Upon removal of the signal, the atoms wobble back to their original rest positions, emitting their own radio waves. The signals are picked up by the antenna and sent to the computer for analysis. During the five to eight minutes they are exposed to these waves, "patients feel nothing," says Peters, "though some report a slight tingling sensation."

The result is a detailed anatomical image of body tissue representing not only the density of the hydrogen atoms, but also indicating how they behave after being "excited" by the radio signal. With this imaging technique, one is able to discriminate fine differences "between the white and the slightly denser grey matter," says Peters, "between normal brain and tumor, for example."

The MRI scanner focuses on the hydrogen atom, because 70 percent of the human body is made up of water. Consequently, the image it depicts is like a map of the brain's water content. "Anything modifying the water content of the brain, like a tumor, shows up extremely well since the radio waves coming from the tumor are completely different," says Ethier, adding, "It displays anatomy beautifully!"



Ian Westbury

Drs. Terence Peters and Roméo Ethier discuss the computerized image of the brain of an MNI patient, whose body has all but disappeared into the magnetic field of the MRI scanning device.

Webster Pavilion staff are learning how PET, CAT, and MRI can complement each other as diagnostic tools. The new unit, nevertheless, has detected brain lesions, hemorrhages and tumors missed by CAT. It has depicted with greater clarity an edema extending down into the brain stem. It can also show blood flow through the brain and "photograph" the spinal cord.

Ethier predicts MRI will eventually eliminate the need for much of today's exploratory brain surgery. "We can't say with CAT whether we're dealing with a fine scar tissue or a tiny tumor in the brain of an epileptic patient," he explains. "We may be able to tell with MRI. We also hope it will provide a breakthrough in the evaluation of the spinal cord and, with epilepsy, of the temporal lobe at the base of the brain. CAT has problems with bone, but MRI doesn't see it because there's not enough hydrogen in our bones."

The biggest difficulty facing "Neuro" researchers is, not surprisingly, how to select for development a few of the endless capabilities of these scanners. PET, for example, has been used widely for almost ten years now to study everything from mental illness to brain tumors. At McGill, PET research has been concentrated on epilepsy, brain damage due to strokes, and brain tumors.

Ethier thinks that the institute should focus its MRI work on the evaluation of epilepsy. They currently see over 2,000 epileptics a year. "This is going to be done in close conjunction with the CAT and PET scanners and will be elaborate research. We have a clientele of epileptic patients who are referred from all over the world. We're going to tap that," he says. "This is where I have so much hope for MRI."

"One of our main concerns is to amass sufficient information," says Dr. Jane Tyler, describing the institute's uses of their scanners. "Right now Dr. Antoine Hakim is conducting a double-blind study on stroke victims where patients are looked at during a stroke, a week later, and again after six months. The drug prostacyclin is administered, and we look for changes that can aid in salvaging areas around the stroke site."

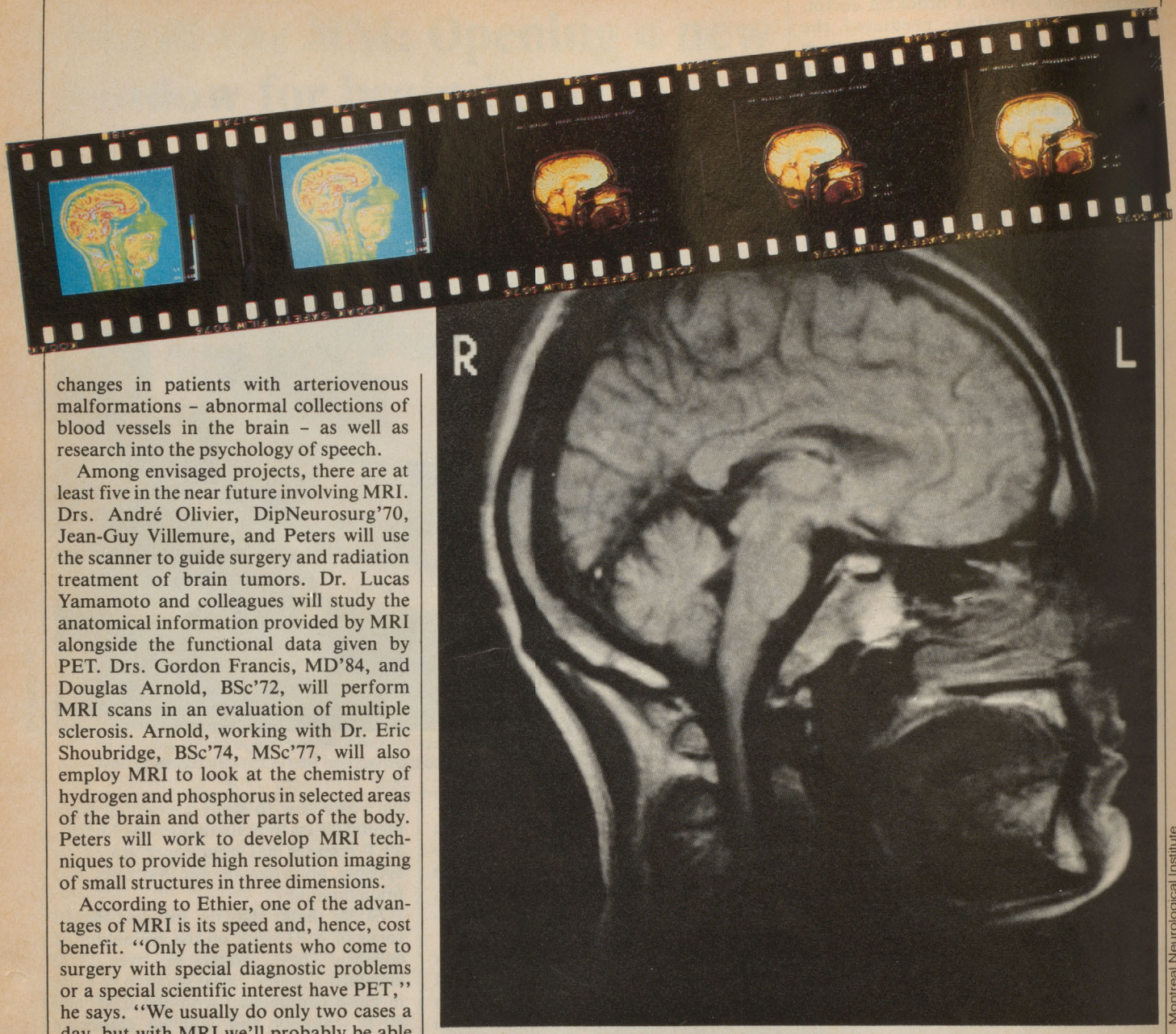
Other MNI imaging studies have researchers hoping they can follow metabolic changes in the brain to better understand Alzheimer's disease. Another team is exploring the pharmacologic basis for the use of BCNU, a drug used to treat malignant brain tumors. Other research protocols involve the study of metabolic

changes in patients with arteriovenous malformations – abnormal collections of blood vessels in the brain – as well as research into the psychology of speech.

Among envisaged projects, there are at least five in the near future involving MRI. Drs. André Olivier, DipNeurosurg'70, Jean-Guy Villemure, and Peters will use the scanner to guide surgery and radiation treatment of brain tumors. Dr. Lucas Yamamoto and colleagues will study the anatomical information provided by MRI alongside the functional data given by PET. Drs. Gordon Francis, MD'84, and Douglas Arnold, BSc'72, will perform MRI scans in an evaluation of multiple sclerosis. Arnold, working with Dr. Eric Shoubridge, BSc'74, MSc'77, will also employ MRI to look at the chemistry of hydrogen and phosphorus in selected areas of the brain and other parts of the body. Peters will work to develop MRI techniques to provide high resolution imaging of small structures in three dimensions.

According to Ethier, one of the advantages of MRI is its speed and, hence, cost benefit. "Only the patients who come to surgery with special diagnostic problems or a special scientific interest have PET," he says. "We usually do only two cases a day, but with MRI we'll probably be able to do one patient every forty minutes."

Ethier is especially eager to use MRI to assess spinal cord injuries. "I think MRI is eventually going to replace myelography. That means no more spinal tap. It's going to be a much less aggressive technique," he says, spreading the good news to patients of today and tomorrow.□



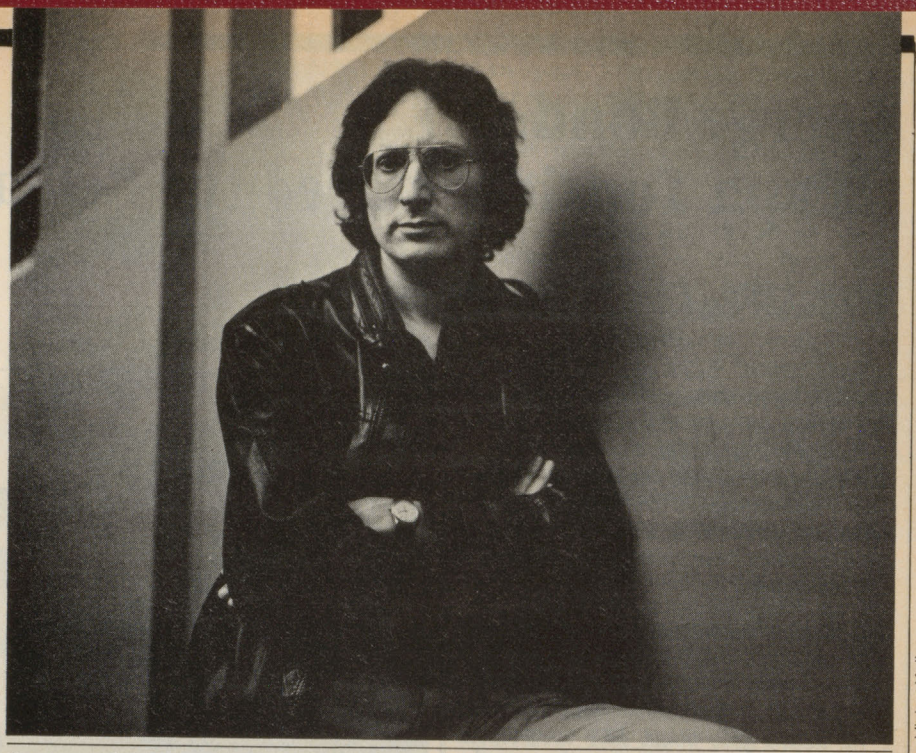
Montreal Neurological Institute

These sagittal head scans demonstrate the excellent visual definition of brain tissues captured by the MRI. **Abcve:** Images of a healthy adult male's head as shown on a 35mm film strip have been colored by a computer. **Below:** This is the actual size of the black and white image produced by the MRI, which shows white and grey matter in terms of the distribution of water in this section of the body.

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FOCUS

Perry Schneiderman



Vivian Kellner

On 27 June Perry Schneiderman, BA'68, risked opening the 1985 season at Quebec's only English summer playhouse, the Piggery Theatre, with a one-woman show. Although his friends had advised him to mount *Mommy* by Louisette Dussault during the slow month of August, Schneiderman went ahead. "I'm excited about it, because it's a Quebec piece. There's no set, just a black box and one actress. *Mommy* really says something."

Entering his fourth year as the Piggery's artistic director, Schneiderman enjoys taking chances. He also likes spending his summers working twelve to fifteen-hour days. A self-proclaimed workaholic, he has nevertheless opted out of directing all three of the productions to be mounted this season at the converted barn situated some 130 km east of Montreal on Route 108: "You just can't bring valid artistic judgment to three shows in a row with no time off. This year *Mommy* is being brought in as a package. I'll be directing the second and the last shows."

The second production will be *What I Did Last Summer*, a dramatic comedy by the Broadway playwright, A. R. Gurney. Set in 1945, it dramatizes a meeting between an adolescent boy and the "Pigwoman," an older bohemian who forces him to rethink many things. "The third piece," says Schneiderman, "is a thriller. It's a play from Edmonton called *Angel of Death*. It's a ghost story that takes place during World War I. I always do a thriller. People love to scream at the Piggery."

In early May, Schneiderman took a hectic trip across Canada. On this auditioning tour, he screened some 400 candidates for 15 openings at the National Theatre School in Montreal. Working for the Theatre School for some eight years now, he has just been named director of its English acting section.

When asked if he'll give up his Piggery commitments to accommodate his new administrative position, Schneiderman says, "Emphatically not! The two things complement each other. At North Hatley, I get hands-on professional experience that energizes my return to the classroom in the winter. At the same time I learn from my students, rediscovering the principles of acting that I can take to the theatre in the summer."

Schneiderman's attachment to the Piggery stems partly from the fact that he was born in Trois-Rivières, 165 km away: "This theatre is an integral part of the Quebec cultural fabric. It links me directly to the province where I was born, where I have spent most of my life, and where I want to continue to live."

Although sometimes overextending himself, Schneiderman loves the Piggery so much he doesn't see it asa job. "I never take it for granted. I think I'm blessed to be able to run a theatre - not just the directing, but the business end of it as well."

Schneiderman is a good businessman. The company has always been in the black, with only 6 percent of its budget coming from the Canada Council. This summer they may be "flirting with aslight deficit," but only in order to provide the theatre with a new roof and ventilation system, thereby avoiding the claustrophobic heat that has plagued playgoers during sold-out summer evenings. "It's the price we paid for popularity," he says, with a shrug and a smile.

The Piggery wasn't always popular, particularly not with the animals for which it was originally built. "The pigs all died. Twice," explains Schneiderman. "It was like some angel decided, 'This is going to be a theatre.'"

After the second herd of swine met their demise, the outdated pig barn was transformed into a community theatre in 1964 and then into a professional playhouse in 1972. There were alot of growing pains, but Schneiderman feels that recently the Piggery has regained its community spirit. Its board of directors is made up mostly of Townshippers from Sherbrooke, North Hatley, Ayers Cliff, and Lennoxville with a few additional Montreal members including past-President Andrew Fleming, BA'71, BCL'74. "They all pitch in and do as much as they can. They take an active role," says the artistic director.

Enjoying "being in a position of authority," he also claims in a matter-of-fact tone that "people love to work with me." Attributing this to his managerial skills, he explains, "A good manager is not someone who stays behind his desk writing memos all day. He's on the floor. He's realizing how the people around him can contribute. He draws them out."

Schneiderman also sees his duty as providing the summer resort area with accessible entertainment. Eastern Township cottage dwellers and city people on country day-trips make up the majority of the audience. "They come to have a genuinely good time," he says. "Perhaps it will be the only time they will see live theatre. I'm not into educating them. They're here to be entertained, to be touched, to be given a visceral experience."

Staging everything from musical comedy to "crazy" thrillers to serious, Pulitzer Prize-winning fare, Schneiderman also tries to keep operating costs at a minimum: "The most expensive ticket, say on a Saturday night, is $8.50. It's good quality theatre. Some of the shows we've put on have been compared to New York City productions. We're proud of that. Still we're committed to keeping the prices down because we want people to come. We serve them a country supper for six-and-a-half bucks, so for fifteen bucks they can have supper and a show."

The checkered tablecloths, the generous portions of country supper served before an entertaining performance are what summer theatregoers want. Pleasing them is the mandate for Schneiderman, who states, "I'm interested in new Canadian works if they can fit into the Piggery's season. I would give them a venue as I'm giving the premiere of the English translation of Dussault's play a venue. But pleasing the public is my number one concern."

Naomi Guttman□

George Bond: "Papa Topside" dared the Sealab dream

by Dr. Martin Entin, MSc'42, MD'45

To mark his fortieth McGill Class Reunion this September, McGill associate professor of surgery and Royal Victoria Hospital acting chief of plastic surgery, Dr. Martin Entin, has written the following article. It commemorates the extraordinary life of the president of the class of Medicine'45 – George Bond.

There was an air of tense expectation among the 103 second year medical students who sat glued to their seats in the anatomy theatre waiting for George Bond to pay off his bet. In a momentary surge of self-esteem, some six months before, George had bet Sari that he would get a higher grade than she in histology – "or he would eat his lab book." He lost.

Standing behind a long desk, George started tearing his lab book into small pieces, depositing them in a large crucible. Every page, hard cover excluded. A few hecklers made snide interjections.

"Oh, he won't go through with it."

"George, why don't you grind it up."

George was adamant. He poured some clear liquid from a litre bottle over the shreds, explaining, "100% Ethyl alcohol."

With theatrical gestures, he stirred the mess then stood back, lighted a long spill of twisted paper with his cigarette lighter and touched the flame to the crucible. Students gasped as the flame burst toward the ceiling. Not a word was said during the two minutes that it took to consume the alcohol. George stood back, his hands folded on his chest like a magician-priest.

He tilted the crucible toward the class: An amorphous heap of grayish ash. With a shiny metal spatula, George stirred up the gossamer mess reducing its volume. He then brought out from under the desk a ham sandwich on rye, wrapped in wax paper. He separated its two halves and carefully deposited the sooty mess, patting it with the spatula.

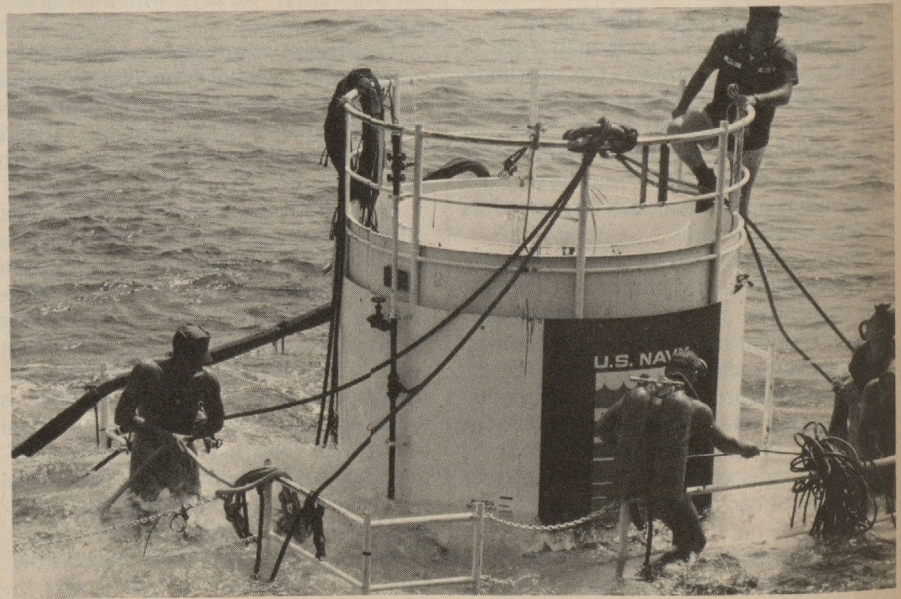
Reconstituting the sandwich, George took a hefty bite, chewing with some relish. His classmates exploded into spontaneous applause. He swallowed the wad with difficulty, but there was no backing out now.

George Bond, MD'45, came to the Faculty of Medicine at McGill in 1942 from North Carolina. Six-foot three, athletic, crew haircut, he had a flushed open face and whimsical blue eyes. He looked the leader and within a short time became the class president. Before our medical class of 100 students graduated in 1945, Bond had also served as chairman of many undergraduate committees and clubs and was president of the Student Union.



Captain George Bond (left) returned to McGill in 1960 to celebrate a Royal Victoria Hospital Homecoming with his classmates from Medicine '45 such as (centre to right) Harold Brash and class publicist Martin Entin.

Returning to Bat Cave, N.C., to work as a rural G.P., Bond persuaded the local authorities, the churches, and the many civic leaders to build a small hospital for the 6,000 people in the 400-square mile area near Lake Lure. His clinic became a model for other out-of-the way communities, and in 1953 he earned the Doctor of the Year Award. In 1956, he was honored on the television show, "This is Your Life," and was written up in *Collier's, Country Gentleman,* and *Reader's Digest.*



On 26 August 1965, off La Jolla, California, Sealab II aquanauts lowered their underwater habitat, whose body was already submerged.

Naval Photographic Center, Washington, D.C.

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The Korean War broke out when Bond was thirty-four and very involved in his practice. In 1953, however, he decided to enlist in the U.S. Navy and rapidly rose in rank. At the end of the Korean War Commander Bond, deciding to remain in the service, established a program to teach submarine personnel how to escape stranded ships. Supervising the training, he accompanied the sailors along a caisson-like tube from the 100-foot depth.

In 1959 Bond, then Officer-in-Charge of the Naval Medical Research Laboratory in New London, Conn., and Chief Engineman Tuckfield made a vertical, 53-second ascent from the submarine Archerfish, which had settled on the sea bottom at 302 feet. Filling their lungs with air at about ten atmosphere of pressure just before leaving the ship, they suffered neither nitrogen narcosis nor the bends and did not require decompression.

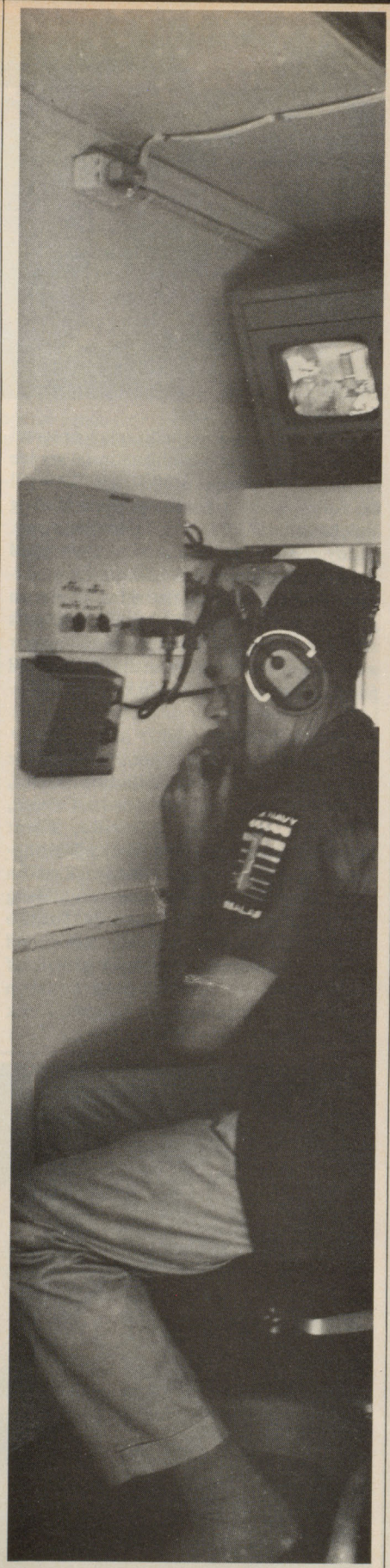
Bond served from 1964-66 as the administrator and principal investigator in the Sealab Project, known as the Navy's Man-in-the-Sea Program. The Sealab was a steel cylinder, 57 feet long and 12 feet in diameter, anchored at 200 or 300 feet below sea level. In this sophisticated laboratory, teams of aquanauts carried out experiments to determine how man could best adapt to living and working in the high atmospheric pressure of an underwater environment.

Bond envisioned a future where underwater living would be completely safe for man. I recall his enthusiasm about the building of undersea cities, which he described over drinks at our class reunion in 1960 – the year he received the Legion of Merit for his pioneer effort: "Great mineral resources are located below sea level; coal, gas and oil. And best of all," he said, "these cities will escape radiation and fall-out from nuclear weapons."

Sealab I and Sealab II were relatively successful. Bond constantly supervised his men from a specially equipped support barge linked to the lab by a power-communications cable. He was affectionately known to the aquanauts as "Papa Topside." Bond found that the men functioned well at great depths, but occasionally displayed capricious fits of insubordination called "breakaway phenomena."

The Sealab routine involved acclimatization to the capsule for the first two days. Then the aquanauts would make sorties out of the lab to explore the sea bottom and perform various experiments. Their re-entry required a short adaptation in a special small, closed compartment.

Astronaut Scott Carpenter, who orbited the earth in the Mercury capsule in 1962, spent 30 days in Sealab II. He followed the same regimen as the aquanauts, but found the buoyancy of the dense sea water considerably different from the weightless floating of his body in the space rocket. He emerged to tell a press conference: "The ocean is a much more hostile environment than space. More energy is required to move around and just to stay warm."



By intercom and closed-circuit television, "Papa Topside" kept in continuous touch with his Sealab II aquanauts in their submerged tank ancat sea bottom.

Naval Photographic Center, Washington, D.C.

During his career, Bond made repeated ascents from the sea bottom. As a result he suffered from nitrogen poisoning, occurring when a diver's tissues become completely saturated with breathing gases. Eventually unable to dive, Bond concerned himself with overcoming this malady, which causes irrational behavior and, often, suicidal tendencies. To do so, he developed the concept of "saturation diving," to reduce the likelihood of nitrogen release into the tissues after prolonged exposure at a fixed depth. His *New York Times* obituary attributes Bond's saturation theory to a conversation he had with the French oceanographer, Jacques Cousteau.

With the Bond technique, an aquanaut's body tissues were saturated with a mixture of helium and oxygen while inside the lab. Then he could move freely from the capsule into the surrounding water, requiring only one decompression period before he resurfaced. This made deep ocean dives much safer. The combination of gases, however, caused the diver's voice to sound high-pitched, like Mickey Mouse. He would then have to train himself to speak an octave lower to be understood.

Sealab II began on 28 August 1965 off the coast of La Jolla, California, at the 205-foot depth where it remained for forty-three days. By way of an intercom and closed-circuit television, the aquanauts were in constant contact with a surface barge tied to the shore. This permitted continuous physiological observation of human subjects on the ocean floor.

Captain Bond pushed on with his quest. He designed Sealab III to explore greater depths – 300 feet below sea level and beyond. On the first day the lab was launched in 1969, aquanaut Berry Canon died during a 600-foot dive off San Clemente Island. The Navy ended the Sealab project to avoid further catastrophe.

The circumstances and the cause of the accident are not available to this writer. It must have been a great shock and disappointment to Bond, whose health was failing gradually. He had problems with his hip joints and spine and had several sessions in hospital. In 1978, he retired from the Navy after 25 years of service and moved back to North Carolina.

George Bond was admitted to the hospital in Charlotte on Monday, 7 December 1983 and died on Monday, 2 January 1984 of heart disease. His death brought to an end the Sealab project, which proved that man could live on the ocean floor. It was the dream of a man who could conjure up the future and one that may yet become a reality.□

SOCIETY ACTIVITIES

Reunion '85
Calling all '0s and '5s

by Gavin Ross, Executive Director of the Graduates' Society

Reunion Chairman Frank McMahon, BScArch'70, BArch'72, and Vice-Chairman Bob Faith, BA'53, DDS'58, together with their active committee, have drawn up an exciting program for this year's Reunion Weekend. Graduates from classes ending in 0 and 5 have been invited back to the campus from 19-22 September. Early indications suggest this will be one of the best- attended Reunion Weekends ever. Additional information on Reunion '85 appears on the inside back cover of this issue, but there are a few points I would like to highlight.

Special Graduates' Society awards will be presented at the annual meeting on Thursday, 19 September. Graduate Governor John Hallward, BA'50, chairman of the Society's Honors and Awards Committee, recently announced this year's award winners. They are as follows: Award of Merit (Gold Medal) to Donald MacSween, BA'56, BCL'61; Distinguished Service Awards to Margaret Legge, BA'51, Ross O. Hill, BSc'46, MD'48, DipMed'60, and A. Keith Ham, BA'54, BCL'59; Honorary Life Membership in the Graduates' Society to Elsie Jean Gordon and Lorraine Seymour; Student Award to Scott Keating, BSc'83; Special Award to Arlene Gaunt, BSc'53.

All graduates, spouses and friends are invited to the society's annual meeting. It will be held at the St. James's Club, 1145 Union Avenue, Montreal, starting at 5:30 pm.

This year's guest lecturer at the Leacock Luncheon, to be held in the Grand Salon of the Queen Elizabeth Hotel on Friday, 20 September, is Roger Rosenblatt, *Time* magazine senior writer and essayist. (See SIDEBAR.) For the sixteenth consecutive year, the luncheon moderator will be our Gold Medallist, Don MacSween.

A new event has been added to our Friday program that will appeal to old and young alike. It is a Pub Nite to be held in The Alley, the "quiet" student bar recently opened in the basement of the Students' Centre on McTavish Street. The evening will include reasonable prices, imported draft beer, live sing-along and dance music as well as Bens' smoked meat sandwiches at midnight. Nostalgia!

Saturday will feature the popular Graduates' Brunch at Bishop Mountain Hall at the top of University Street. The department of athletics has kindly offered to run a shuttle service from the steps of the Arts Building to the hall.

Following the brunch there are several choices available starting with the McGill Redmen-Bishop's Gaiters Homecoming Football Game to kick off at 1:00 pm. At 1:30 pm graduates and friends are invited to one of two lectures/seminars to be given by former Dean of Arts, Professor Robert Vogel, MA'54, PhD'59, and former Director of the Montreal Neurological Institute, Dr. William Feindel, MD'45. Following the lectures and the football game, there will be a concert at 3:30 pm in Pollack Concert Hall in the Strathcona Music Building (formerly the main entrance to Royal Victoria College).

A new addition to the Sunday program this year is an interdenominational service in University Chapel at 10:30 am. This will be followed by the ever-popular closing luncheon at Gibby's in Old Montreal. Many reunion events, such as the annual meeting, the Leacock luncheon, the graduates' brunch, and the Saturday afternoon concert, are open to all alumni and friends whether they are celebrating a reunion or not. For further information, please call Susan Reid at (514) 392-4815.

Branch Activities

Since January, twenty-eight meetings have taken place in branches including Atlanta, Victoria, Boston, Ottawa, Greece, Toronto, Barbados, Florida, Great Britain, Vancouver, New York, Washington (D.C.), Cincinnati, Chicago, London (Ontario), Kitchener/Waterloo, Hong Kong, and the Niagara Peninsula. Toronto and Ottawa continue to be our largest and most active branches, and a highlight of the Toronto program was the luncheon addressed by then-Ontario Premier Frank Miller, BEng'49, on 31 May.

In Florida, on St. Patrick's Day, the baseball game was rained out – the first rain in sixty days! Sixty-five graduates, spouses, children and grandchildren huddled under the McGill tent trying to keep the rain off the coleslaw and sandwiches and out of the beer and pop!

In late March and early April, I was fortunate to be able to combine some business with vacation and visited branch meetings in London, England and Athens, Greece. At Canada House in Trafalgar Square, eighty graduates, spouses, and even a parent and a grandparent, came out to a fine reception organized by Rusty Merifield, BCL'70. At a luncheon the following day, a new slate was introduced and Richard Jack, MD'62, is the new president of the McGill Society of Great Britain. Barry Moughton, MCL'58, continues as regional vice-president, and other officers include David Mackintosh, LLM'57, treasurer, and Judith Madley, BA'60, secretary.

In the "it's a small world" department, who should I run into the next day in the duty-free shop in Heathrow Airport but former Students' Society President Bruce Williams, BEng'83. Bruce and fellow McGill MBA student Heather Mackenzie were doing a semester at the University of Manchester and were on their way to Athens to study a cement company! We were all met in Athens by Leon Argyropoulos, BEng'51, president of the McGill Society of Greece, who with the help of Kalli Pyrokakou, DipEd'79, and George Stathopoulos, MBA'80, had organized a magnificent dinner that attracted forty-three graduates, their spouses, two parents of present day students, and a student who will be entering McGill this



Greece, which sends more overseas students to McGill than any other country, is well-represented here by Society members (left to right) George Stathopoulos, Denyse La Fleche, Leon Argyropoulos, and Diane Eliadis who welcomed Gavin Ross (centre) to Athens on 4 April.



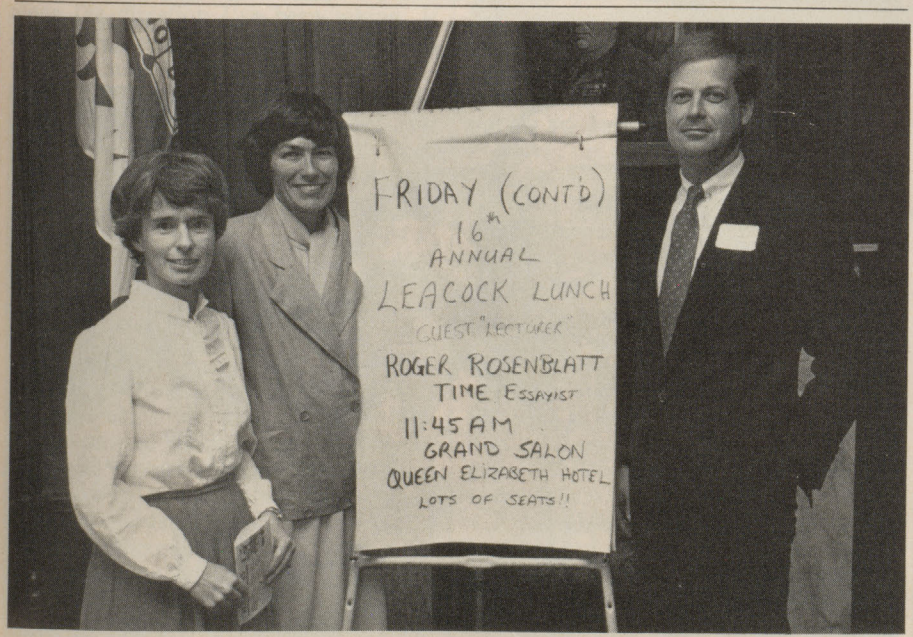
A chance meeting in the Athen's Airport brought together President of the McGill Society of Greece Leon Argyropoulos (left to right) and Bruce Williams, Heather Mackenzie, and Tim Youngman, three MBA students in Greece to visit a cement factory.

fall. The McGill Society of Greece has been and is one of our most active foreign branches. Their enthusiasm for McGill was most gratifying. No wonder McGill attracts more overseas students from Greece than from any other country.

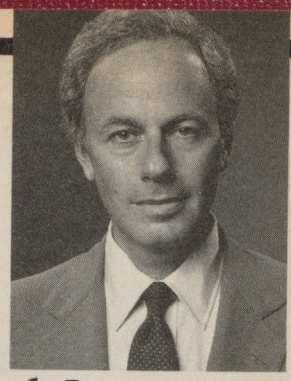
Student Relations

Through its endowment fund, the Graduates' Society is able to provide modest, but valuable, financial assistance to deserving student projects. For example, when McGill Society of New York President Blair McRobie, BA'61, and Vice-President Steven Levitsky, BCL'75, heard that the McGill Law Faculty Mooting Team had won the Canadian Championship and was on its way to New York to compete in the Philip C. Jessup International Law Moot Court Competition, they immediately agreed to match the financial contribution given by the Graduates' Society to assist our law students in this most prestigious international competition. Of the thirty-eight law schools from all over the world that competed in New York, the McGill team was the only one (together with the final winner, the University of Singapore) to remain undefeated in its oral contests. McGill defeated Poland, Puerto Rico, Costa Rica and Australia, but despite its excellent performance and because of a rather complicated international judging formula, ended up fourth overall. Gad Cohen, Alain Côté, Daniel Gogek, and Julie Latour competed in both English and French and won high praise from the judges and students in the world moot finals.

On page 7 of this issue mention is made of the World University Debating Championships that were hosted this year by the McGill Debating Union. Directors of the Graduates' Society and of the McGill Society of Montreal volunteered to billet visiting debaters at the end of the competition and also provided important input and support. McGill graduates Daniel



At a recent reception for Reunion '85 class organizers, (left to right) Gael Eakin Plant, Nancy Roland Grant and Daniel Lack announced that "lots of seats" are still available for the Leacock Luncheon.



1985 Leacock Lecturer Roger Rosenblatt, *Time* magazine senior writer

Donald MacSween recently announced that the 1985 Leacock Lecturer will be Roger Rosenblatt. The luncheon will take place in the Grand Salon of the Queen Elizabeth Hotel on Friday, 20 September during Reunion Weekend.

Roger Rosenblatt has won major awards in every medium in which he works. As a journalist for The Washington Post, *he was named best columnist in Washington, D.C., by* Washingtonian Magazine *in 1979. As senior writer and essayist for* Time, *he received the George Polk Award, the Clarion Award, two Silurian Society medals, and awards from the Overseas Press Club and from the American Bar Association. His book,* Children of War, *won the Robert F. Kennedy Memorial Prize. Published in six languages, it was also nominated by the National Book Critics Circle as one of the five best non-fiction books of 1983. As an essayist and commentator on the MacNeil/Lehrer NewsHour on public television, he has also won the 1985 George Foster Peabody Award.*

Graduating from Friends Seminary, Rosenblatt received an AB degree from New York University and an AM and PhD from Harvard University. As a Fulbright Scholar, he studied at Trinity College, Dublin, Ireland, and holds the honorary degree of doctor of humane letters from the University of Maryland.

Rosenblatt has been literary editor of The New Republic *magazine and a columnist for* The Washington Post *where he also served as a member of their editorial board. He became a senior writer for* Time *in December 1980.*

The Graduates' Society of McGill University and the McGill Society of Montreal welcome Roger Rosenblatt to Reunion '85 and invite all returning graduates and those living in Montreal to join in the fun of the Leacock Luncheon on 20 September.

Kingstone, BA'53, BCL'56, Marvin Gameroff, BA'53, BCL'58, and Marcel Mongeon, BCom'78, BCL/LLB'82, were on the panel of five that judged the final round won by debaters from King's Inn, Dublin, Ireland.

Back in May the society decided to assist McGill's entry in the Quebec Drama Festival. Former student Marc Côté's *Bearing Witness,* depicting a meeting between writer James Baldwin and his muse, Billie Holiday, won the Best New Play award. Second year Arts student Dawn Roach took Best Actress "for her strong portrayal of the gutsy blues singer."

The Scarlet Key Society, under the able leadership of their selection committee chairs, Bridgitte Ramaseder, BA'83, and Scott Keating, BSc'83, is thriving. Principal and Mrs. David Johnston entertained more than forty award winners in their home in April. The students have decided to bring back the red and white cardigan sweater symbolic of membership in this honor society. Plans, as well, are underway for a late fall reunion dinner for all student and alumni Scarlet Key and Red Wing Society members. Information will be mailed out to all concerned in the fall, but any questions about the sweaters or reunion may be addressed to Gerry Ludwig at (514) 392-4804.

Late News

Although this is not exactly a Society activity, our readers will be interested to know that McGill Principal and Vice-Chancellor David Johnston was honored last month by the University of Toronto and granted the degree, doctor of laws (honoris causa).

Citing our principal's many virtues and achievements, University of Toronto Vice-Principal and Provost Frank Iacobucci referred to the time that he served as a member of their Faculty of Law, his distinguished term as professor and dean of Law at the University of Western Ontario, the many special posts and assignments he has accepted apart from his university responsibilities, and his many achievements as principal and vice-chancellor of McGill. He also stressed his accomplishments as a teacher, scholar and administrator, not forgetting his professional responsibilities as a member of the Ontario Securities Commission and as a labor law specialist.

In his citation, Professor Iacobucci, referring to the principal's wife and five daughters, went on to say: "Professional success for David and Sharon has not impaired the quality of the family life they have and treasure." He concluded with the following Joseph Conrad quotation: "A man's real life is that accorded to him in the thoughts of other men by reason of respect or love."

We join with his many friends and admirers in congratulating Principal Johnston on this recently bestowed honor.□



At a "Windy City" Society get-together, President of the McGill Society of Chicago Les Jackson and Linda Pateras Jackson (left to right) visit with Barbara Campbell and John Tennant.



Three generations of Lovedays toast the McGill Society of Great Britain at Canada House in London: (front) Theo; (rear-left to right) Julian, grandfather Robert, Crispin Robinson, father Martyn, and uncle Robin.

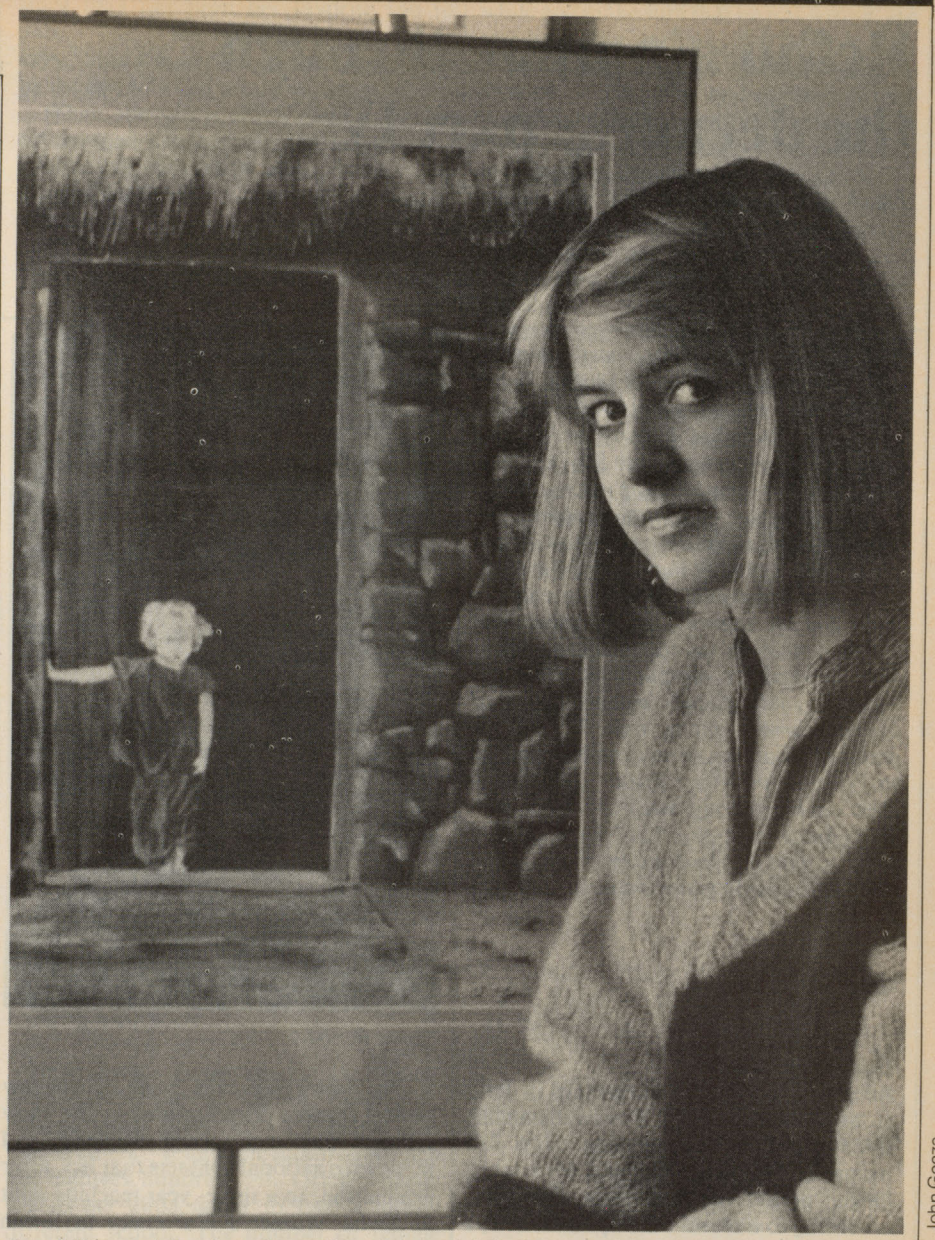


In spite of the rain, President of the McGill Society of Florida Allyn Lean, his wife Nancy (left to right) and Karla Dean celebrated St. Patrick's Day at Municipal Stadium in West Palm Beach.

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FOCUS

Anne Merrins



John Geeza

Twenty-three year old painter Anne Merrins, BA'83, speaks with an Irish accent. Although more muted now than when she came to Quebec nine years ago, it will never be lost for Merrins visits her native country every summer. One senses that Ireland is never far from her thoughts. And a look at Merrins's paintings confirms this: her watercolor landscapes, in predominant shades of green, evoke the scenic beauty of the Emerald Isle, land of the leprechaun, the Irish temper and birthplace of James Joyce and W. B. Yeats.

Merrins, a tall and articulate woman comfortable in a jean skirt and little makeup, explains that she started to paint as a hobby some seven years ago on a trip to Ireland: "I spent a lot of time at my aunt's cottage in the west, painting and sketching, just for me, just to see if I could transcribe what I saw, what I felt about the landscape, onto a piece of paper."

She then enrolled in the art history program at McGill University, but under her father's counsel decided to study something more practical and switched to psychology. Once graduated, Merrins realized that what she really wanted to do was paint. Except for a drawing class at university, she has had no formal art training, but her ever-growing success leads her to think she may not need it. "What I'll do is plod along. I've had good enough response along the direction I've been taking. If eventually I feel a marked deficit then I will do something, but not at the moment," Merrins says with mature assurance.

Her hobby turned into a profession four years ago after a friend in Ireland urged her to show her work. "Quaking in my boots," Merrins followed this advice and soon found a responsive gallery owner in Clifdon, Ireland. She notes happily that this small beginning culminated this year in a one-person exhibition in Dublin, her hometown.

It seems that one vernissage leads to another. In Montreal, there have already been several including a recent Irish exhibition organized by Carmen Côté of the Montreal Museum of Fine Arts. A second showing of Merrins's paintings took place this March under Côté's auspices.

Asked if there are any other artists in her family, past or present, Merrins lifts an eyebrow, shakes her head and smiles: no, she just sort of "fell from heaven." An only child, Merrins lives with her parents in St. Bruno, a suburb of Montreal best known for its pretty countryside and jutting hills used in the winter for skiing. Spending most of her time at home, she seldom comes into the city, preferring to put all her energy into painting. Tongue-in-cheek, she describes her studio space as a "glorified cupboard," adding: "I've kept my Montreal friends and acquaintances down to a minimum. I sit in my little cupboard and paint for hours on end. Very unsociable. I sort of start at two in the afternoon and go till five in the morning."

Merrins does up to sixty paintings a year, many of them based on pencil sketches composed during her Irish visits. She used to do even more, but finds that now each painting is more thought out, more detailed, as her technique continues to improve.

Although her sales increase every year, Merrins cannot yet make a living at painting. She is not sure if she ever will. This does not seem to daunt her spirit. To add to her income she takes on commissioned work and has accepted the challenge of painting Canadian landscapes. One of her recent assignments depicts a chalet by a lake in Magog, Quebec.

As a beginning landscape painter Merrins merely copied what she saw. Gradually she began to use her imagination: "I like mood," she explains. "I love playing with light and shadow. It's the greatest fun. I'll take the form of the landscape and instil a mood, make my own thunderclouds, my own sunsets, my own light sources."

People are often incorporated into her landscapes and they too can be wholly imaginary. "The characters literally don't exist," Merrins explains. "They're representative of nobody and everybody, of all the Irish you know."

Her favorite landscapes are the muted, misty ones. She now enjoys experimenting with new colors, like purple, moving away from the vibrant greens she has used expertly. "All I really want to do with my art is create my own simple interpretation of a particular landscape," Merrins confides. "I hope to get into the Canadian, but I have a feeling, a real feeling, for the Irish landscape." *Anne Cimon*□

McGill alumnae through the decades: part IV

by Anne Cimon

This concludes a four-part tribute to 100 years of women at McGill. In this article, the spokesperson for the '60s taught English in South Korea and farmed an Israeli kibbutz during the Six-Day War. Committed to contributing to the social good even before becoming a professor of religious studies, she soon became aware of the different choices that exist for a traditional and a liberated women. Excelling in math and the sciences, the representatives for the remaining two decades both work or have worked in computer-related fields where they have found themselves "one of a few women among men." The '70s graduate would encourage other women to study her reputedly difficult discipline – electrical engineering, while the '80s graduate is going back to school for a PhD in order to find a safer footing as a management information systems specialist.



Donna Runnalls

'60s

Donna Runnalls

Accepting a full-time lectureship in Religious Studies in 1971, Donna Runnalls, BA'59, BD'64, became one of a few women to infiltrate what was, for a much longer period of time than elsewhere, according to a recent Faculty newsletter, a McGill "bastion of male privilege."

That same year, at her dean's suggestion, Runnalls also became the warden of Royal Victoria College. This administrative post, which lasted seven years, was less than satisfying. Runnalls explains, with hindsight, that women's colleges by then were losing their principal "raison d'être." The feminist movement and "the pharmaceutical control of fertility" had rendered nearly obsolete "the need to protect women in order to allow them to develop themselves for later marriage or for careers."

Runnalls ascribes her social conscience to her minister father and her teacher mother, daughter of a British Columbia premier, and to her Depression and wartime upbringing. Some of her earliest memories recall "the unemployed men who came to our house in Vancouver. I was taught whatever help could be given must be offered," she says.

During undergraduate years at the University of British Columbia, Runnalls joined the Student Christian Movement (SCM) which she calls "one of the few radical student organizations of the early fifties." She met foreign students and made international contacts that led, after graduation, to a three- year teaching stint at Ewha Women's University in South Korea. To compensate for living in this privileged, totally female environment, Runnalls spent one summer working with men and women laborers in a pottery factory. "I found, personally, that it was unnatural," she says, "to spend most of my time in an all-female environment."

Returning to Canada, she took a job at McGill University with the SCM, and a one-year post at Royal Victoria College as resident assistant. "Montreal was an extreme contrast to Seoul. The formality in the United Church, at McGill, and most of all at R.V.C., was stifling after my adventures in the Orient."

Registering for an Old Testament course, Runnalls soon became convinced by "that marvellous lecturer, Dr. Stanley Frost, that human thought is basic to social development; I became excited about working with ideas and after three years left the (SCM) Movement to finish a BD degree."

Runnalls's enthusiasm drew her to the University of Toronto's department of near eastern studies for a PhD in languages and history. She then enrolled at the Hebrew University of Jerusalem on an Israeli government scholarship, just as staff and students were mobilizing for what became the Six-Day War. Farming kibbutz fields, she found herself within earshot of a major battle. After the war she completed her dissertation, which she is currently reworking into a monograph on the first-century Jewish historian, Flavius Josephus.

She learned to be more self-assertive during the four years in Israel, among "Israeli female students with their training in the military and their sense of independence in social and sexual relationships." Today, as a McGill associate professor of Old Testament and Judaism, when she comes across opposition because of her gender, her "attitude is one of determination not to let myself be cowed, but to win."

'70s

Irene C. Leszkowicz

Irene Leszkowicz, BEng'78, holds down a full-time job at Matrox Electronics, Dorval, Quebec, while serving as a visiting electrical engineering lecturer at McGill. A virtual dynamo, she admits to being first in her science and math classes since grade school. Her parents, she explains, encouraged her in these disciplines. After finishing college, she sought advice from a McGill professor and decided to enter the university's honors program in electrical engineering.

A recipient of the Ernest Brown Gold Medal and NSERC and J.W. McConnell scholarships, she participated in student politics as president of the McGill Electrical Club and as a student council representative. After her first set of mid-term exams, she was no longer singled out and occasionally teased for being a woman: "You ended up in little groups of five and six people who did labs together, lunched together, who got to be like a family. The men were like my brothers," she adds.

The pattern of being a woman among men continued in her University of Toronto master's program in computer graphics. In her current position as Matrox software design manager, she is the only female in her department. The attitude in this two-man-owned firm is, "We don't care what you are as long as you get the job done."

Since she entered the high-tech company five years ago, the number of employees has grown from 50 to 250 and her specialty, computer graphics, has become an applied, rather than theoretical, discipline. Consequently she cautions students today, especially women who are apt to choose currently fashionable, job-oriented fields, to look ahead. She is now hiring engineers,

rather than computer scientists, because "based on problem solving, engineering studies are a more practical preparation."

The average age at the young company hovers around twenty-seven years. Leszkowicz explains that most of her male colleagues "are used to having girls in their classes or girlfriends in the technical fields. It's not like going into an established company where engineers are fifty and treat you like a daughter!" During her



Irene C. Leszkowicz

progress, however, she has found that "it is the older women, stuck in traditional jobs, who have been the most supportive."

Finding the time to coauthor such papers as "Computer graphics for visualizing cardiac activation," Leszkowicz also teaches a senior undergraduate and graduate courses in computer graphics at McGill's Engineering Faculty and supervises final year lab projects. She would like to see more women studying in this reputedly difficult electrical engineering program. It shouldn't be hard if, like Leszkowicz, you are a woman who enjoys using her analytic mind to its fullest.

'80s

Rebecca Anne Grant

Rebecca Anne Grant, MBA'83, is preparing for a move back to London, Ontario, where she once worked for IBM. This time she is enrolled in a University of Western Ontario PhD program. It's a necessary step, she explains, towards procuring full-time employment teaching management information systems. Lecturing in this field at the McGill Faculty of Management since 1983 has been her favorite job to date: "This is the first job I've had," she says, "that I'm really itching to get back to by the end of a Christmas vacation."

When she was a child, Grant's father encouraged her love of mathematics and science. A university administrator, he assured her this was where the jobs and the money would be. He often reminded her, as well, not to let anyone say she couldn't do it "because she was a woman."



Rebecca Anne Grant

At seventeen she enrolled in a computer science program at Union College in Schenectady, New York. Having just "gone co-ed," it had one hundred women and eighteen hundred men. Grant recently visited her alma mater to find a totally different school. The number of female students has increased dramatically, and the sciences are now as popular with them as they are with the men.

Upon graduation from Union with a BSc in 1974, she found work as a systems and procedures analyst with the Government of Manitoba in Winnipeg and, later, as IBM systems engineer in London. During this period she was turned down by other prospective employers who assumed, "I was going to get pregnant, have babies and quit."

This prejudice, according to Grant, is one of the biggest problems her female students currently face. Although it is now illegal, interviewers still ask questions like: "Are you living with someone? Are you on the pill?"

Having often found herself as one of a few women staff members, Grant admits there were times "when I got my fanny swatted." Not as self-assured at twenty-five as she is now, she says that at IBM, for example, "if some man told me I was a mindless little nothing, I had to stop for a while and make sure that he was wrong. He was older than me and knew better."

Leaving IBM, Grant worked as a coordinator of financial systems and procedures at the University of Western Ontario for a year and a half. To further her management career, she enrolled at McGill where she received a Greville Smith Research Fellowship and graduated at the head of her class with the McGill Associates Award for Great Distinction in the MBA.

Regretting her departure from Montreal, Grant says she plans to return to her work both as a teacher and a consultant once her PhD is completed. "Teaching is going to be the main thrust in the future," she explains, "because that's what I enjoy the most. But I also want to keep my hand in industry, especially in the field of management information systems, where everything changes day by day."□

WHERE THEY ARE AND WHAT THEY'RE DOING

'30
JOHN BLEMER, MD'30, has retired from his San Ramon Valley medical practice, where he was known as the senior country doctor in California's Contra Costa County.

'40
WILLIAM BOGGS, BEng'40, has been made chairman and president of de Havilland Aircraft of Canada.

'41
BILL GAUVIN, BEng'41, MEng'42, received Quebec's Prix Marie-Victorin for outstanding work in science and technology and has begun to teach in McGill's new pulp and paper master's degree program.

'43
RUDOLPH MARCUS, BSc'43, PhD'46, has taught at California Institute of Technology in Pasadena since 1978 and recently won a Wolf Prize for his work in theoretical chemical kinetics.

'46
ERIC FISHER, BArch'46, of Schenectady, N.Y., recently had four photographic essays set to music and shown on PBS television.

'47
JOHN P. S. MACKENZIE, BCom'47, has been re-elected chairman of the board of governors of The Heritage Canada Foundation and also serves as chairman of the Toronto Arts Council.

'48
IAN BARCLAY, BCL'48, chairman of B.C. Forest Products, became chairman of Expo 86's Canadian pavilion early this year.
ROBERT McBOYLE, BCom'48, is the new president of Brunterm Ltd., which operates a container terminal in Saint John, N.B.
SYLVIA OSTRY, BA'48, MA'50, PhD'54, has been named Canada's ambassador for multilateral trade relations.

'49
JOHN K. LESLIE, BEng'49, was recently appointed CP Rail's chief of transportation.
A. BLAIKIE PURVIS, BA'49, has been appointed vice-chairman of Calvin Bullock, Ltd.

'50
ALFORD SETO, BEng'50, recently retired from the government of the Northwest Territories, where he was chief land development engineer, to live in Pointe Gatineau, Que.

'51
VICTOR BENNETT, BCom'51, has been appointed chairman of Innotech Aviation Ltd., and is also chief executive officer.
W. G. (Bill) WINFIELD, BScPE'51, is continuing his association with Warner-Lambert Canada Inc., from which he recently retired, by working in education and community relations.

'52
CLIFFORD JARDIM, BEng'52, was recently named president of Phillips Cables Ltd., Brockville, Ont.

'53
PETER CAMERON, BCom'53, has been made president of Canadian Corporate Management and chairman of Sunnybrook Medical Centre Institute, at Toronto's Sunnybrook Medical Centre.

'54
ROGER B. HAMEL, BEng'54, became president of the Canadian Chamber of Commerce in February.
STEPHEN O'FARRELL, BEng'54, is vice-president, public affairs and administration, for Texaco Canada Inc.

'55
LEONARD COHEN, BA'55, sang in Europe and New York this spring, before embarking on a trans-Canadian concert tour to promote his new album and has won a Canadian Authors Association award for a collection of poetic meditations – *Book of Mercy*.
GEORGE NOVOTNY, BEng'55, has joined Elsevier Science Publishing, Inc., New York, N.Y., as vice-president, applied and information sciences.
ROBERT T. STEWART, BCom'55, has been named president of Scott Paper Ltd. and also directs the company's manufacturing and marketing.
DAVID C. WILSON, BEng'55, was recently appointed president of Ethyl Canada Inc., in Toronto, Ont.

'56
PETER T. MACKLEM, MD'56, chairman of the department of medicine at McGill and physician-in-chief of the Royal Victoria Hospital, has received an additional title: acting physician-in-chief, Montreal Chest Hospital Centre.
MAIRI (MATHESON) PASZEK, BScHEc'56, served this year as honorary president of the Canadian Dietetic Association.
ROBERT A. SHEA, BEng'56, was recently named general manager, research, for Canadian Pacific.

'57
OWEN McALEER, BEng'57, was recently appointed vice-president (network services), Ontario region, for Bell Canada.

'58
ANDY BOBKOWICZ, BEng'58, PhD'63, is president of the year-old Canadian Plastics Institute, founded jointly by the federal government and the Society of Plastics Industry (Canada).
AL J. GILLIES, BEng'58, MBA'61, recently received the new CN Rail position of assistant vice-president, intermodal, to direct a range of activities on a system basis.
BERNARD H. TACHÉ, BEng'58, has been appointed vice-president of the Montreal office of Cegerco Inc., which provides professional services in engineering management.
RAYMOND N. YONG, MEng'58, PhD'60, was awarded a Canada Council Izaak Walton Killam Memorial prize this spring for his soil engineering research.

'59
GLORIA (SHAFFER) TANNENBAUM, BSc'59, MSc'73, PhD'76, of the Montreal Children's Hospital and McGill department of pediatrics will share with Jacob Aranda, PhD'75, the 1985 Inter-Service Clubs Council prize, awarded for her growth hormone research.

'60
ELIZABETH RENNERT, BA'60, of the University of Rochester, N.Y.,has been named director of development for the school of management and director of student recruitment and promotion.

'61
PHIL GOLD, BSc'57, MSc&MD'61, PhD'65, was awarded a Canada Council Izaak Walton Killam Memorial prize this spring for cancer research and recent studies of AIDS.
JOHN D. HSU, BSc'57, MD'61, clinical professor, department of orthopedics, school of medicine of the University of Southern California, joined the faculty senate there last year.

'62
P. NICHOLAS ELLIOTT, BEng'62, was recently appointed vice-president, Southern Alberta, of Spartan Controls Ltd.
ERIC RIORDON, BSc'62, now of Toronto, Ont., is president of Foster Advertising Company Ltd.
MAUREEN SABIA, BA'62, named to the management committee of The First Sunnybrook Fund, Toronto, is vice-chairman of Sunnybrook Medical Centre Institute and general counsel for Redpath Industries Ltd.

'63
ROGER BUCKLAND, BSc'63, MSc'65, became vice-principal and dean of the McGill Faculty of Agriculture (Macdonald College) on 1 June 1985.

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'64

BRUCE ANDERSON, BArch'64, is the new director of the School of Architecture, McGill University.

JANET (ROSENBLATT/SCRIVER) BUCHANAN, BSc'64, PhD'84, is currently a post-doctoral fellow in biology at the University of Cincinnati.

DAVID HORN, BSc'64, was recently appointed senior vice-president and general manager of American operations for Sun Life of Canada, centered in Wellesley, Mass.

PAUL LUSAKA, MA'64, is president of the United Nations General Assembly, and Zambian delegate to that body.

R.W.B. WHITE, BA'61, BCL'64, has been named vice-president, corporate affairs, for the National Bank of Greece (Canada).

HENRY B. ZIMMER, BA'64, has become a partner of Spicer MacGillivray, and national director, taxation, in Calgary, Alta.

'65

K. JOHN BURNS, MBA'65, was appointed chief executive officer of the Australasian Institute of Mining and Metallurgy this winter, in Parkville, Victoria, Australia.

LEWIS KANICS, MSc'65, PhD'67, recently joined Burroughs Wellcome Co., Research Triangle Park, N.C., as supervisor of the clinical drug assay laboratory.

'66

GEORGES ARCHER, MEng'66, has been made president of the Standards Council of Canada, a Crown corporation.

JACQUES A. DROUIN, MBA'66, was recently appointed chairman of the board for general insurance companies of The Laurentian Group.

R. JAMES McCOUBREY, BCom'66, is chairman of the advertising agency, Young & Rubicam Ltd., where he serves as their director for Africa, Australia, Canada and Latin America.

'67

SYLVIA (SEGAL) GOLD, BA'67, MA'81, was recently appointed president of the National Advisory Council on the Status of Women and resides in Ottawa.

MARK POZNANSKY, BSc'67, PhD'70, is the new associate dean (research) of the Faculty of Medicine at the University of Alberta, in Edmonton.

'68

JAMES S. CLIFT, BEng'68, has been named general manager, pipe division, of Canron Inc.

PETER C. HILL, MEng'68, was recently appointed portfolio manager for Standard Life and vice-president of Standard Life Portfolio Management Ltd., a subsidiary.

MORTON PATRONTASCH, BEng'68, is now senior vice-president, individually managed funds, at Elliott & Page Ltd.

CHARLES WAKEFIELD, BCom'68, has been appointed vice-president of Timmins & Associates Ltd., a Toronto investment firm.

'69

CLAUDIO BUSSANDRI, BEng'69, MBA'76, recently became vice-president and general manager of Nabisco Brands Ltd. food service division, suppliers of coffee and related products.

'70

JEAN BAULU, BSc'70, a primatologist, lives in Barbados, where he is founder-director of the Barbados Wildlife Reserve and primate research centre.

JOSEF FRIDMAN, BCom'66, BCL'70, recently was named vice-president and general counsel, Bell Canada Enterprises Inc.

DAVID FUNG, BEng'70, MEng'72, PhD'79, has been made research manager of C-I-L Inc.'s chemicals research laboratory in Mississauga, Ont.

DICK KEREKES, PhD'70, directs a Pulp and Paper Research Institute of Canada (Paprican) project at the University of British Columbia.

Annual giving by graduates up again this year

Totals for the 1984-85 McGill Alma Mater Fund Year are not yet final, however it is certain the annual fund has exceeded the previous fund year in both total dollars and number of graduate donors.

Gifts to McGill from almost 19,000 graduates are over the $1,740,000 mark. The previous fund year total was $1,668,803. This Fund year generated more than 2,000 new donors and saw 5,325 graduates increase the size of their gifts.

During the June 27th annual meeting of the Alma Mater Fund Committee, Fund Chairman Keith Ham BA '54, BCL '59 stressed the importance of keeping the vigor of the graduates' three-year campaign for capital funds, the McGill Advancement Program. Graduate giving to the Alma Mater Fund is separate from giving to the capital campaign.

He further reported, "In both the first year and the second year of solicitation for the capital campaign, graduate giving to the Alma Mater Fund has not only been maintained — it has increased."



Incoming Alma Mater Fund Chairman Hugh Marshall, B. Eng '51 (right) shows Dr. David Smith, B.Ed '58, M.A. '61, Dean of Education (centre), and Michael Conway, B. Com '79, Montreal Phonathon Chairman, the organization of the Alma Mater Fund's Class Agent system. Class Agents solicit the gifts from fellow graduates. Education Class Agents last year maintained the 30 percent increase in dollar support received from Education graduates in the 1982-83 Fund Year.

In underscoring the importance of continuing the Alma Mater Fund's tempo in the upcoming year, the last complete solicitation year of the capital campaign, Chairman Ham restated to committee members Principal David Johnston's assessment of annual giving:

> "Annual giving is not an extra. It is an essential ingredient in the day-to-day life at McGill."

Throughout the University, Deans and Directors are well aware of the value of these funds. Unlike the funds from capital campaigns which are received for special needs every ten years, the dollars from gifts to the Alma Mater Fund are received annually and go to work every autumn as the university begins another academic year.

"Annual giving is truly the annual enrichment of McGill," said Keith Ham.

DOUGLAS MAGOON, BEng'70, is working at Cominco Ltd.'s roaster/acid plant in Trail, B.C., as an operating superintendent.

'71

PETER CAMPBELL, BSc'71, MSc'84, is technical director of the Ontario Government's environmental chemistry laboratory.

CHERYL (MITCHELL) HAYES, BA'71, is vice-president of Foster Advertising Co.'s Montreal office.

EARL TAKEFAMAN, BScArch'71, MBA'73, is president of Charan Industries Ltd., a toy and children's wear manufacturer that recently introduced a toymaker's playwear collection to Canada.

JOSEPH VIRBALL, BCom'71, has recently been appointed vice-president, marketing and operations, of Allied Van Lines Ltd.

'72

ALAN J. COHEN, BSc'72, has moved to New Orleans, La., as senior geophysicist with Shell Western Exploration and Production, Inc.

ROBERT B. J. DORION, DDS'72, on 1 July, became president of the ten-year-old American Board of Forensic Odontology, based in Colorado Springs, Co.

DAVID B. ROBINSON, BScArch'72, BArch'74, recently opened a signage division at his San Diego architectural practice.

'73

GREGORY MOSHER, MSc'73, has been named chief geologist, minerals division, of Asamera Inc., in Vancouver, B.C.

BILL WAKABAYASHI, BEng'73, is manager of Cominco Ltd.'s Kimberley, B.C., Sullivan concentrator.

'74

RUTH (MORGENSTERN) DANNENBAUM, P&OT'57, BScPT'74, MSc(ap.)'82, lectures to McGill physiotherapy students and supervises a "gymnasium" for patients at the Royal Victoria Hospital.

GARY GILLMAN, BA'71, BCL'74, LLB'75, is now associated with the Toronto lawyers, Tilley, Carson & Findlay.

RAYMOND L. GRENIER, Jr., BA'74, a lawyer and consultant, was recently named vice-president and chief financial officer of Capital Planning & Services, Topsfield, Mass.

KERRY STRATTON, BMus'74, is conductor of the Georgian Bay Symphony and the International Symphony Orchestra.

'75

JACOB ARANDA, PhD'75, is a co-recipient, with GLORIA TANNENBAUM, BSc'59, MSc'73, PhD'76, of the Inter-Service Clubs Council annual prize for his work in neonatal drug therapy and pharmacology at the Montreal Children's Hospital.

ALAIN CONTANT, BA'72, BCL'75, recently joined the accounting partnership of Lengvari, Braman, Trudel.

RICHARD DeWOLF, BEng'75, has been named manager, regulatory affairs, of the Independent Petroleum Association of Canada.

ERIC MALDOFF, BA'71, LLB'75, BCL'76, has returned to full-time law practice with Martineau Walker, after serving as founding president of Alliance Quebec.

'76

ELLEN BECK, MD'76, recently carried out an Art of Medicine program at the Jewish General Hospital, Montreal.

DR. ESTHER RIVA LEFEVRE, BA'76, clinical psychologist, has opened an office in the Town of Mount Royal, Que.

'77

MICHAEL BOYCHUK, BCom'77, DipPubAc'78, has been appointed by Montreal Trust as assistant vice-president, administration, real estate.

NATHAN LAUFER, MD'77, was named this spring to the American College of Cardiology, a professional society and teaching institution.

JACQUES McNEILL, BSc'77, MBA'79, is vice-president of Les technologies OMVPE Inc., which is preparing to sell a new microprocessor wafer, developed by JIM AUCLAIR, BSc'79.

'78

MICHAEL E. GOLDBLOOM, BCL'78, LLB'79, was recently named president of Alliance Quebec.

ROBERT MAINELLA, BMus'78, has started band programs in Kelowna, B.C., elementary and high schools.

BERNARD LETTE, BCL'78, LLB'81, member of the Bars of France, Quebec and Ontario, recently joined Lette, Whittaker, in Toronto, Ont.

'79

JIM AUCLAIR, BSc'79, has developed a new microprocessor wafer, that Les technologies OMVPE Inc. is preparing to market.

JENNIFER (RAMSAY) BROOKS, BScOT'79, on leave from the Montreal Children's Hospital, taught during 1984-85 at the Dorset House School of Occupational Therapy, Oxford, England.

SYLVAIN CHARBONNEAU, BCom'79, DipPubAc'80, has been named finance coordinator of Laborie & Associates Inc., medical and surgical equipment manufacturers.

JAMES CARR, BA'79, was recently appointed director of community relations for the University of Winnipeg.

JOHN MacMURRAY, BMus'79, has been named associate principal trumpet of the Halle Orchestra, Manchester, England.

'80

MICHAEL S. HALASZ, BEng'80, has been doing post-graduate studies at Waterloo University on a North American Life Assurance Co. scholarship for professional engineers.

VASILE (GLATIOTIS) KLAASSEN, BScAgr'80, is working in Weyburn, Sask., as a soil conservationist.

AARON LANSKY, MA'80, and others have founded the National Yiddish Book Center in Amherst, Mass., devoted to collecting and promoting literature in that language.

'81

DONALD RENSHAW, BMus'81, was recently named first trombone in the London (Ont.) Symphony Orchestra.

'82

JANE HSIEH, BSc'82, MSc'84, has been employed as a research technician with the Pulp and Paper Institute, Pointe Claire, Que.

'83

RONALD FINEMAN, BSc'83, has been traveling, teaching and demonstrating in North America and abroad for Ashton-Tate, a California publisher of microcomputer software.

CYNTHIA FLOWER, BMus'83, managed the Redmen hockey team this winter, a feminine "first" at McGill.

'84

JONG LEE, PhD'84, was a post-doctoral fellow this year at Washington State University's Institute of Biological Chemistry.

GERTRUD NURNBERG, PhD'84, a post-doctoral fellow at the University of Connecticut, is doing research with the Ontario Ministry of the Environment at Dorset.□

DEATHS

'13

WILLIAM A. MacRAE, BSc'13, of Toronto, Ont., at the age of 93.

WALTER MATHESON, BSc'13, of Charlottetown, P.E.I., on 26 Oct. 1984.

ADA A. (SCHWENGERS) McGEER, BA'13, of Vancouver, B.C., on 9 Jan. 1985.

'14

GEORGE L. STEWART, BSc'14, at Toronto, Ont., on 21 March 1985.

'16

HARRY M. BUDYK, BCL'16, at Montreal, on 19 March 1985.

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MARJORIE C. CRAVEN, DipPE'16, at Rawdon, Que., on 29 Jan. 1985.
WALTER S. SUTHERLAND, BSc'16, at North Hatley, Que., on 18 March 1985.

'17
H. A. DESBRISAY, MD'17, at Victoria, B.C., on 8 Jan. 1985.
BESSIE GREENWOOD, BA'17, of Vancouver, B.C., on 11 Dec. 1984.

'19
NORA (MORGAN) McCAMMON, BA'19, at Aurora, Ont., on 17 Feb. 1985.
ROY E. TENNEY, MD'19, at Rockford, Ill., on 1 Feb. 1985.

'20
G. R. "Ray" BROW, MD'20, at Charlottetown, P.E.I., on 14 Jan. 1985.
LORNE C. "Monty" MONTGOMERY, MD'20, emeritus professor, at Montreal, on 4 March 1985. (See LETTERS page 2.)
IRENE (PENA) SMART, LMus'20, at Montreal, on 28 Nov. 1983.
SOLOMON WISEMAN, BA'20, MA'23, at Montreal, on 8 April 1985.

'21
LOUIS O'SULLIVAN, BSc'21, at Montreal, on 13 Jan. 1985.
BASIL SALAMIS, BSc'21, at Montreal, on 31 Jan. 1985.
ALEX STRASBERG, MD'21, at Montreal, on 18 Jan. 1985.
C. MONTAGU YATES, BSc'21, at Vancouver, B.C., on 29 Dec. 1984.
INA YOUNG, DipSW'21, at Montreal, on 3 April 1985.

'22
GEORGE BINMORE, BSc'22, at Berkeley, Ca., in December 1984.
KENNETH JOHNSTON, MD'22, at Como, Que., on 19 April 1985.
RICHARD PORRITT, BSc'22, at Toronto, Ont., on 26 March 1985.

'23
MARION (BEATTIE) DAWES, BA'23, at Montreal, on 18 April 1985.
STUART DUNCAN, BCom'23, of Baie d'Urfé, Que., on 10 April 1985.
DUART "Mousie" McLEAN, BSc/Arts'23, at Ottawa, Ont., on 6 April 1985.

'24
ARTHUR ELVIDGE, MD'24, MSc'25, PhD'27, at Montreal, on 17 Jan. 1985.
MICHAEL MALONE, BSc'24, at Montreal, on 13 Jan. 1985.
PHEBE (McLEA) PROWSE, DipPE'24, BLS'46, at Guelph, Ont., on 5 Feb. 1985.

'25
JOHN CRUIKSHANK, MD'25, DipPH'36, at Calgary, Alta., on 21 Dec. 1984.
ERWIN ELLIOTT, BCom'25, at Vancouver, B.C., on 15 March 1985.

'26
MURIEL BEDFORD-JONES, BA'26, at Vancouver, B.C., on 12 Jan. 1985.
LESLIE COOKE, BSA'26, of Arundel, Que., on 2 April 1985.
DR. HERBERT MOSELEY, BA'26, at Palm Beach, Fla., on 30 Dec. 1984.
W. T. D. "Tom" ROSS, BSc'26, of Montreal, on 20 March 1985.

'27
J. RAE CARSON, DDS'27, at Montreal, on 19 April 1985.
WILLIAM GAVSIE, MD'27, at Montreal, on 7 Feb. 1985.
AMY ELIZABETH (HUNTER) KYLE, BA'27, at Huntingdon, Que., on 25 March 1985.
Maj. Gen. CHRISTOPHER VOKES, BSc'27, at Oakville, Ont., on 27 March 1985.

'29
WARDE ALLAN, BA'23, MD'29, of Garrison, Md., on 13 Jan. 1985.
JOHN BICKLE, MD'29, of Parksville, B.C., on 29 Nov. 1984.
CEDRIC LEVEQUE, MD'29, at Montreal, on 16 Feb. 1985.

'30
OSWALD MARKHAM, BA'30, at Montreal, on 4 April 1985.

'31
HAROLD CONKLIN, BCom'31, at Montreal, on 24 Dec. 1984.

'32
BARNETT ALPERT, MD'32, at Hollywood, Fla., on 9 Nov. 1984.
NATHANIEL LEVY, BA'32, at Montreal, on 3 Feb. 1985.

'34
HUGH FARQUHARSON, BA'31, BCL'34, at Burlington, Ont., on 27 March 1985.

'35
DR. WEBB HAYMAKER, MSc'35, of Los Gatos, Ca., on 5 Aug. 1984.
DOROTHY (TROTT) HOPKINS, BA'35, at Christchurch, N.Z., on 19 Nov. 1984.
DOUGLAS W. KERR, BCom'35, at Lachine, Que., on 29 Dec. 1984.

'36
MARY HELEN FORD, BA'36, at Montreal, on 8 Feb. 1985.

'37
CARLOS HULL, BA'37, at White Rock, B.C., on 10 Jan. 1985.

'38
J. GEAR McENTYRE, BA'34, BCL'38, at Montreal, on 30 Dec. 1984.

'39
GEORGE NOVINGER, MD'39, of Greeneville, Tenn., on 3 Dec. 1984.

'40
ARTHUR HOLDEN, BCom'40, at Montreal, on 11 March 1985.
DOROTHEA "Diukie" (RAMSEY) JESS, BA'40, of Bedford, Que., on 3 May 1982.
FRED SALHANY, BCom'40, of Ottawa, Ont., in October 1984.
W. DIXON TAYLOR, PhD'40, of Toronto, Ont., on 9 Feb. 1985.

'41
H. LINDSAY MUSSELLS, DDS'41, at Montreal, on 23 Feb. 1985.

'42
DOUGLAS ROWE, BEng'42, of Montreal, on 3 Dec. 1981.

'43
JEAN HARDER, BSc'43, at Montreal, on 13 Feb. 1985.
JOHN DUKE HOGG, BSc'43, at Lennoxville, Que., on 3 Jan. 1985.
JOSEPH L. SHUGAR, BSc'41, MD'43, at Ottawa, Ont., on 21 Dec. 1984.

'45
LEWIS ELVIN, LMus'45, BMus'46, at Dorset, England, on 5 April 1985.

'46
ANITA (BELL) GARRETT, BA'46, and KEITH GARRETT, BA'46, of Oakville, Ont., in August and December 1984, respectively.

'47
J. STUART ALLAN, BCom'47, at Montreal, on 1 April 1985.
KENNETH STARK, MD'47, of Oliver, B.C., on 5 Nov. 1984.
CATHARINE TOLES, BLS'47, at Toronto, Ont., on 22 April 1985.

'48
LLOYD GEORGE HERMAN, PhD'48, of Bethesda, Md., on 1 Feb. 1984.
RUTH (AVISON) SLAUGHTER, BSc'48, of Toronto, Ont., on 12 May 1984.

'49
GRANT DAY, BCL'49, at Montreal, on 23 Feb. 1985.
PIERRE E. OSTIGUY, BEng'49, at Montreal, on 28 March 1985.

'50
ROSS GIFFORD, DDS'50, of New Westminster, B.C., on 4 Oct. 1984.
RICHARD P.W. RYAN, DDS'50, at London, Ont., on 24 Feb. 1985.
RONALD TELLING, BEng'50, at Windsor, Ont., on 15 Feb. 1985.
MONICA (HURLBUT) WOLVERTON, BA'50, at Ottawa, Ont., on 12 Jan. 1985.

'51
EUGENE ABBIS, BEng'51, of Edmundston, N.B., on 1 Feb. 1985.
ROBERT FITTS, BSc'51, of Huntington Station, Long Island, N.Y., on 15 Nov. 1983.
HOWARD "Peng" MAKELY, BEng'51, at Pointe Claire, Que., on 5 Jan. 1985.

'53
ISOBEL (STEVENS) DYKEMAN, CertN'53, at Sherbrooke, Que., on 7 Jan. 1985.

'54
RUSSELL EDGE, BArch'54, at Toronto, Ont., on 4 Feb. 1985.

'55
CYRIL M. LEWIS, BCom'55, at Toronto, Ont. on 2 Jan. 1985.

'56
KENT OLIVER, BLS'56, of Winnipeg, Man., on 17 Sept. 1984.
JUDITH (FERRIER) SANDERSON, BA'56, at Toronto, Ont., on 20 Feb. 1985.

'57
GORDON BREWERTON, BEng'57, of Beaconsfield, Que., on 31 Dec. 1984.
MARIAN (PASSMORE) ENGEL, MA'57, at Toronto, Ont., on 16 Feb. 1985.
JOHN SWAINE, BEd'57, of Beaconsfield, Que., on 27 Dec. 1984.

'58
WALTER CODRINGTON, BSc'54, MD'58, at New York, N.Y., on 2 Jan. 1985.
RALPH EMO, BSc'54, MD'58, at Montreal, on 4 March 1985.
SANDRA (WEINSTEIN) PERLMAN, DipPT'58, of Montreal, on 21 March 1985.
JOHN A. THOMPSON, BScPE'58, at Montreal, on 8 March 1985.

'59
DR. HUGH R. SAMSON, MSc'59, of Huntington Beach, Ca., on 21 Feb. 1985.

'60
GILLES BELLEFLEUR, BEng'60, at Jonquiere, Que., on 14 Oct. 1983.

'61
NORMAN ARONSON, BSc'61, of Toronto, Ont., on 23 March 1985.
HARVEY J. SHUSTER, DDS'61, at Vancouver, B.C., on 26 Jan. 1985.

'63
ALEXANDER "Alec" KAVALERSKY, BEng'63, of Beaconsfield, Que., on 27 Feb. 1985.

'64
VALENTINE RUTKIS, BEng'64, at Sydney, Australia, on 16 April 1985.
JOHN F. THATCHER, BD'64, at Chateauguay, Que., on 15 Jan. 1985.

'69
DR. HERMINE PASHAYAN, MSc'69, at Boston, Mass., on 17 Feb. 1985.

'70
PIERRE R. LAJOIE, BCL'70, at New York, N.Y., on 5 Feb. 1985.

'73
PAUL E. ONU, MA'73, at Obollo Afor, near Msukka, Nigeria, on 20 Jan. 1983.

'74
MARTHA DANYLEWYCZ, MA'74, at Toronto, Ont., on 24 March 1985.

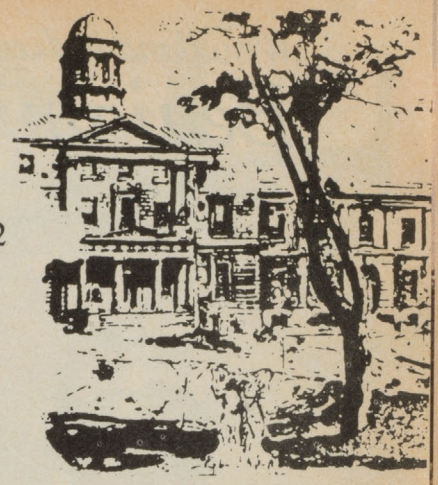
'77
PATRICIA FRANKMAN, PhD'77, at Montreal, on 23 March 1985.□

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REUNION '85

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TO WELCOME YOUR FRIENDS



THURSDAY SEPTEMBER 19
- Opening Reception
- Annual Dinner Meeting

FRIDAY SEPTEMBER 20
- Architecture Seminar
- Dental Seminar
- Medical Seminar
- Nursing Explorations
- Walking Tour of Lower Campus
- Leacock Luncheon
- President's Reception ('60)
- Deans' Reception
- Principal's Dinner ('35)
- Chancellor's Dinner ('30 & earlier)
- Pub Nite

SATURDAY SEPTEMBER 21
- Walking Tour of Lower Campus
- Alumnae Reception
- Graduates' Brunch
- Football Game McGill vs. Bishop's
- Choice of Lectures/Seminars
- Concert at Pollack Hall

SUNDAY SEPTEMBER 22
- Old Montreal Walking Tour
- Interdenominational Chapel Service
- Closing Luncheon

CLASS PARTIES TO DATE: REUNION YEARS (YEARS ENDING IN 0s and 5s)

FACULTY and YEAR	CHAIRMAN
Agr. & Food Science 1980	Ms. Francine Daigneault
Architecture 1980	Mr. David Fox
Architecture 1980	Ms. Erika Talesnik
Dentistry 1980	Dr. George Foty
Electrical Eng. 1980	Mr. Mark Abramson
Management 1980	Ms. Naomi Ronn
Music 1980	Ms. Penny Marrett
Occ. Therapy 1980	Ms. Diane Joubert
Physical Therapy 1980	Ms. Susan van Wijlen
Architecture 1975	Mr. Joe Pedrosa
Dentistry 1975	Dr. Allan Coopersmith
Chemical Eng. 1975	Mr. Ara Altounian
Civil Engineering 1975	Mr. David Gencher
Elec. Engineering 1975	Mr. Jean-François Joubert
Met. Engineering 1975	Mr. Brian Lambert
M.B.A. 1975	Mr. Yvan Beique
Management 1975	Mr. John Lukca
Medicine 1975	Dr. W. Robert Vroom
B.Sc.N. 1975	Mrs. Anna Balenzana
B. Nursing 1975	Mrs. Jean Fillmore
Phys. & Occ. Therapy 1975	Ms. Janey Venezano
Phys. & Occ. Therapy 1975	Ms. Catherine Gardner
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Woodland Indian Artist

Benjamin Chee Chee

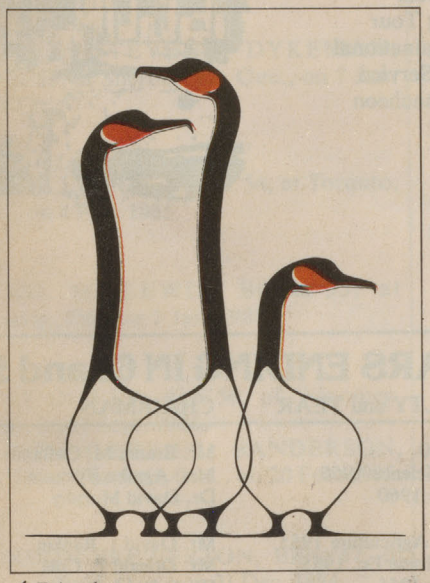
Alumni Media is pleased to present 9 reproductions of works by the late Benjamin Chee Chee. These are the only reproductions authorized by the artist's estate.

A mainly self-taught artist, Chee Chee was a prominent member of the second generation of woodland Indian painters.

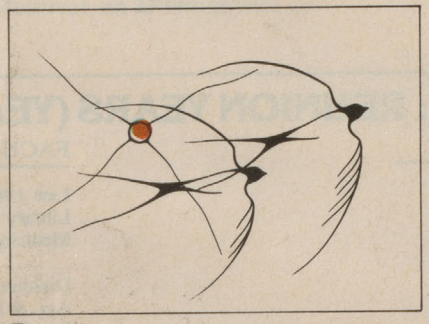
Unlike many of his contemporaries who employed direct and "primitive" means, Chee Chee's work was influenced by modern abstraction. His style reduced line and image in keeping with international modern art.

At the age of 32, at the height of his success, Chee Chee died tragically by suicide.

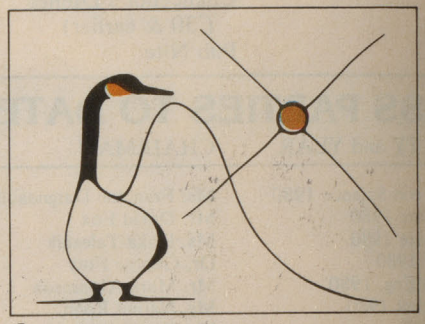
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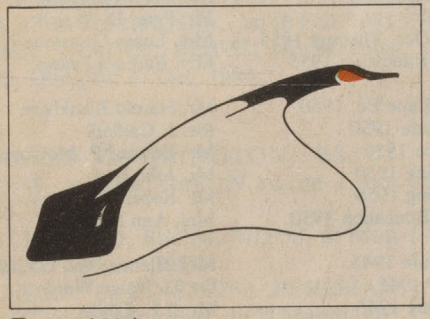
A Friends



B Swallows



C Good Morning



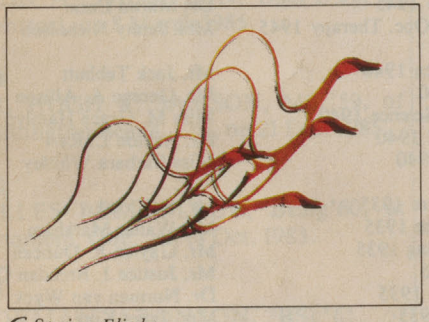
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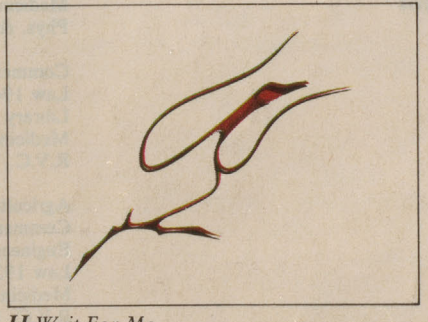
E Mother & Child



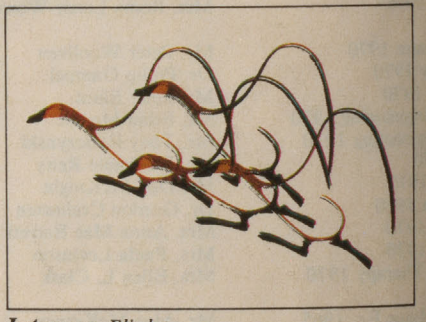
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G Spring Flight



H Wait For Me



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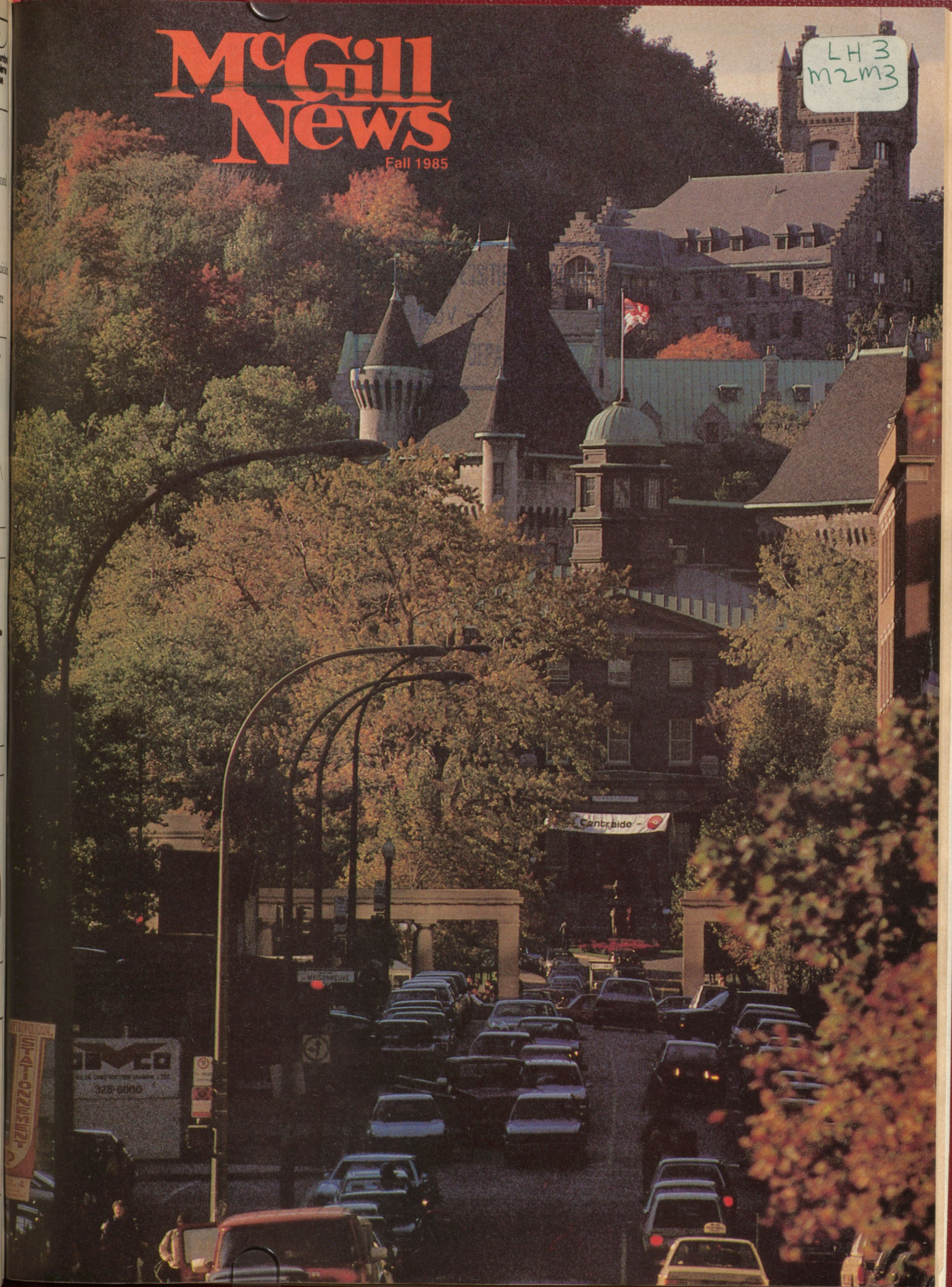
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Volume 65, Number 4
Fall 1985

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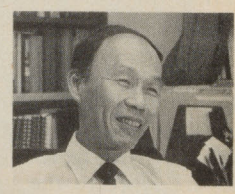
Cover photo:
Facing north from de Maisonneuve Boulevard, photographer Michel Gagné has captured the fall feeling of McGill campus, nestled against the tinted backdrop of Mt. Royal.

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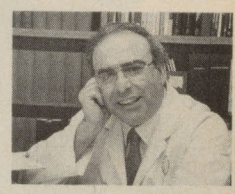
FEATURES

Two of four 1985 Izaak Walton Killam Prizes go to McGill academics
by Janice Hamilton

Given for distinguished, lifetime scientific achievement, the Killam Memorial Prizes are the most prestigious of the Canada Council Killam awards. This year two McGill staff have been recognized for their outstanding contributions:



Raymond Yong has contributed important knowledge to our understanding of the mechanics and properties of soil. His work on permafrost has had a major influence on arctic construction. **10**



Phil Gold is an internationally acclaimed leader in the field of cancer research. He has developed a blood test for cancer that is used in medical centres worldwide and is currently involved in a major study of AIDS. **12**

Prepare to meet thy retirement
by Susan Keys



Blossom Wigdor, gerontology program director at the University of Toronto, is a highly respected psychologist, academic and expert on aging. As editor of a new book on retirement planning, she gives sage advice to those entering "one of the most rewarding times of life." **14**

Young's Law of geriatric compensation
by John E. M. Young



The author, a retired professor of education, now has time to tend to his roses and, happily for *McGill News* readers, do recreational writing. His recently formulated LAW strikes a sympathetic chord, located just beside the funny bone. **16**

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LETTERS

Judgements about gender

I am most appreciative of the articles that appear from issue to issue and feel that the quality of the writing is excellent. However, I am always amazed at the number of competent writers who do not know the difference, apparently, between gender and sex. For example, in the last issue there were several fine biographies of McGill alumnae by Anne Cimon. At the end of the one on Donna Runnalls, one finds the phrase "when she comes across opposition because of her gender." The correct grammatical phrase would, of course, be "because of her sex." "Gender" refers to words, not people, and is the grammatical distinction between masculine and feminine nouns, not male and female people!

I might say that she is by no means alone in this fuzzy usage, for again and again one sees reference to the "gender-gap," for example, when what is meant is the gap between the sexes, in authors who ought to know better. As an organ of a renowned educational institution, perhaps you can do something to educate those who write for you!

Incidentally, another misusage that I find is becoming endemic is that of "fit" for "fitted," as the past tense of the verb "to fit." But that's another story.

Rev. E. F. Carey, BA'41

Editor's note: According to the *Concise Oxford Dictionary,* the word gender refers not only to a set of grammatical classes, but also, colloquially, to a person's sex.

Erratum

I would like to point out a rather crucial mistake in the *McGill News,* Summer 1985 article on page 9, "New Research Lab Studies Advanced Ceramics." This new venture is *not* in the department of chemical engineering, but in the department of mining and metallurgical engineering. I hope that a prominent correction can be made in the next issue.

Dr. Robin Drew,
Advanced Ceramics Laboratory,
Mining and Metallurgical Engineering Department

Editor's note: Our sincere apologies for this error.

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The H. Noel Fieldhouse Prize is designed to recognize outstanding teaching in the Faculty of Arts and is awarded each year at Convocation. All full-time academic staff are eligible for this award, and any current student, full-time academic staff member or alumnus may submit ONE name. To make a nomination, please write a letter naming the individual and detailing your opinion of his or her contribution to teaching in the Faculty of Arts.

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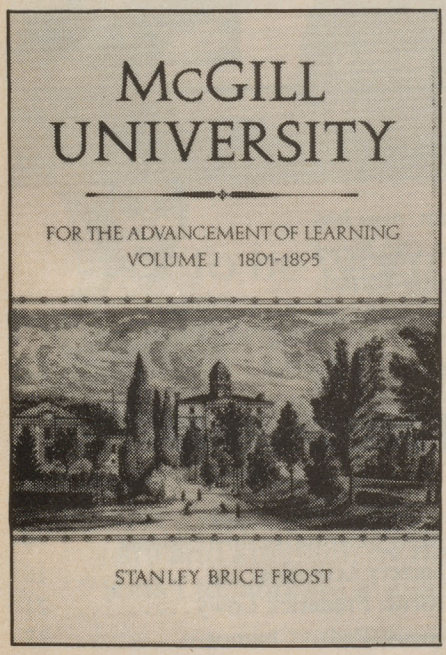
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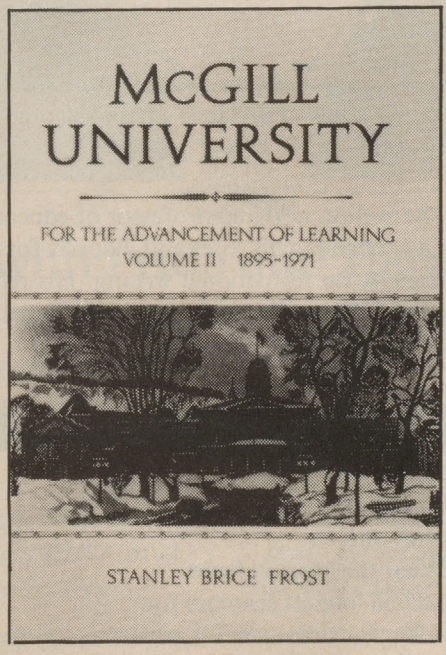
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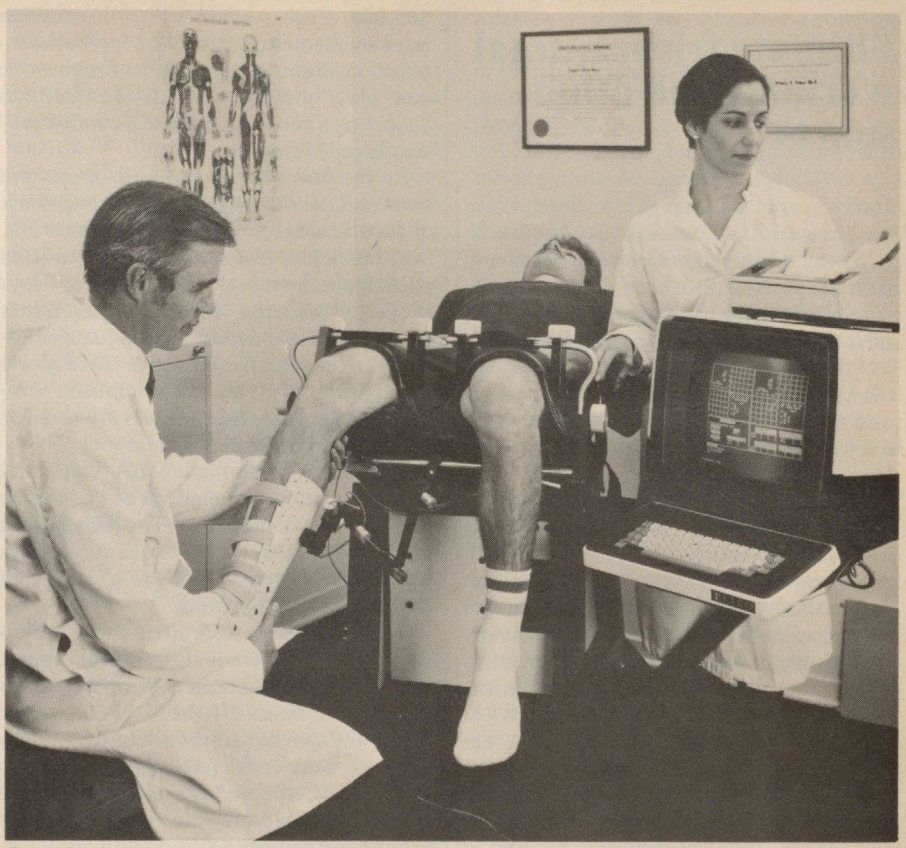
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NEWSBREAK

Monuments, knees, and other conjunctures

For the price of a small condo in the McGill ghetto you can buy a machine that measures the displacement of your knee tendons. **Simon Raab,** PhD'81, and **Gregory Fraser,** PhD'82, the inventors of the Genucom Knee Analysis System, report that private American orthopedic clinics were among the first to purchase the equipment. McGill is using it in trials this fall to read the knees of elite football players and gymnasts, and to evaluate knee braces for la Régie de la sécurité dans les sports. After trying the adjustable chair at his sports injury clinic, **John Oliver,** BSc'71, MD'73, says, "It's the tip of the iceberg for this technology."



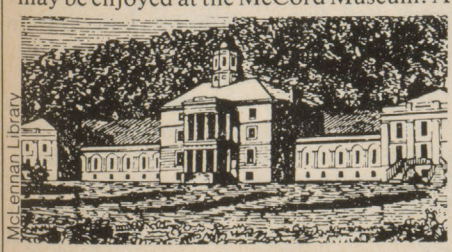
FARO Inc.

Seated in the knee analysis unit is Clarence Desrosiers, a Genucom technician, posing with Jim Provan of the department of mechanical engineering at McGill and Diana Raab, wife of one of the inventors.

Expo '86, Vancouver's super show illustrating the world of transportation and communications, will feature four designs by **Boak Alexander,** BArch'62. They are a theme building called "Highway 86," the Western Skyride Terminal buildings and pavilions for Air Canada and Telecom Canada.

Montreal cultural landmark makers have selected proposals from architects **Ray Affleck,** BArch'47, DSc'84(hon), of ARCOP Associates and from **Moshe Safdie,** BArch'61, LLD'82(hon). Chosen to design the $60 million addition to the Montreal Museum of Fine Arts, Safdie says that integrating the annex with the buildings on the existing site presents one of his toughest assignments. Affleck, for those beyond reach of Montreal media, took plans for the new Montreal Symphony Orchestra hall to the edge of the "Latin quarter," at Berri and St. Catherine Streets, after the mayor vetoed incorporating it into a new McGill College Avenue shopping complex.

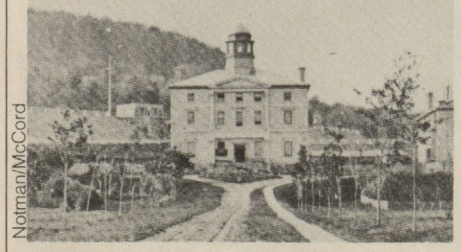
Works by **John Ostell** (1813-92), described as the first professional architect to design a significant body of work in Montreal, may be enjoyed at the McCord Museum. A retrospective of his work, curated by **Ellen James,** PhD'83, will run through 5 January 1986. The first two McGill College buildings, Dawson Hall and the centre Arts Building, were among his first major commissions. For the Arts Building, Ostell proposed "that the single story (sic) portico will not show to a good advantage and I have introduced an additional story that would probably be found desireable for a more advanced class of students." The university passed up the more impressive portico, although their stationery pictured it for a time.



McLennan Library

A contemporary wood engraving of the Arts Building façade shows the double portico unsuccessfully proposed in 1839.

Wrapping up the celebration of 100 years of women at McGill, Religious Studies invited doctoral student **Elizabeth Muir** and **Celia Rabinovitch,** PhD'84, to give special lectures. **Clara Lichtenstein,** who began music instruction at Royal Victoria College in 1899 and retired as vice-director of the McGill Conservatorium in 1929, has been commemorated by the establishment of a faculty fellowship and by the naming of the Strathcona Music Building's student recital room after her. **Margaret Furst,** BEng'83, won the "gold" for electrical studies when, at her graduation, women carried off all four Engineering medals. Last year she died from cancer, leaving a bequest from which an outstanding teaching assistant award has been inaugurated. First winners, jointly, are **Mario Khayat** and **Robert Blumenthal,** BEng'84.



Notman/McCord

The building in 1859 before the single portico and wings were added, completing the original English country house design.

NEWSBITS

McGill's **Centre of Private and Comparative Law** has received a $119,000 Donner Canadian Foundation grant to evaluate the present Canadian legal systems of indemnification of medical malpractice victims. • Prof. **Bruce Trigger** of anthropology has won the 1985 Innis-Gérin Medal of the Royal Society of Canada. • Students **Shelley Craig, Earl McCluskie** and **John Nestorowich** have received *down beat* magazine awards for jazz recorded at the Faculty of Music. • The new dean of students is Prof. **Irwin Gopnick.** He will be profiled in the next issue. • Principal **David Johnston** recently completed the 42 km Montreal Marathon in 3 hours, 27 minutes.□ *M. J. McCutcheon*

SPORTSBREAK

Ultimate frisbee, total workout and other sports

If you're drinking beer in a brasserie with your fellow McGill students and are talking about getting together for a few games of soccer, you can join an open league run by the university athletics department. "Any group of friends can get together and form a team," says Jan Meyer, who oversees the McGill intramural and instructional programs.

"The intramural program consists mostly of team sport activities," says Meyer. "It is mainly games like volleyball, soccer, ice hockey, water polo and basketball, although we have run squash competitions in the past. I don't know how many more students we can take into our intramural program," she continues. "Unfortunately, there isn't a lot more room for expansion. Like everybody else, we are living under financial constraints."

The 5,000 annual participants in these McGill leagues contribute some $25,000 towards a total intramural budget of $65,000. Each student who joins a team pays $4 a semester. "And the fee is reasonable considering the number of nights one can play hockey with all the facilities required to keep that ice in top condition," continues Meyer.

In the intramural program there are open and faculty leagues, but the members of faculty leagues formed by engineering, law, medicine, and management students participate the most. "This may be," says Meyer, "because many are students enrolled in the Faculty of Graduate Studies, who have been involved in these sports throughout their academic careers. Perhaps it's because their courses are tougher and they need a recreational outlet."

Without question an MBA candidate could bring a certain amount of know-how to bear on such matters. "The lawyers and med and management students always have a lot of teams and are always well organized," she explains.

Team members were invited to sign up for eleven different intramural sports leagues this fall semester. Women had no excuse to remain off the field since only rugby and that old autumn standby, touch-football, were restricted to men. Flagfootball, tennis, soccer and ice hockey were open to female squads, as well as to male groups, while both sexes could form "co-rec" teams to play softball, volleyball, basketball and "ultimate frisbee."



Fall '84 intramural volleyball champions demonstrate their winning after-game form.

Athletics



A teacher and pupil are pictured during a moment of ballet instruction, a noncredit program of the athletics department.

Athletics

According to Meyer, there are also many instructional activities available to the student who just wants to learn to be a games player. For example, tennis classes continuing throughout the year, are popular with those who aspire to become rather better mannered versions of the sweet-tempered tennis ace John McEnroe.

However, Meyer makes it clear that the aim is to broaden a student's experience. "We try to offer a wide variety of activities with our instructional programs," she says. "Many of them are a change from traditional expectations. We have aerobics today, which wouldn't have been the case a few years ago. There are fitness classes along with weight training clinics. We also have jazz and social dancing. But aerobics and "total workout" are the favorites this year," adds Meyer.

Popular a few years back, yoga and such martial arts as akaido, judo and karate are in less demand today. "Recently we have started to move into more outdoor activities," says Meyer. "We are encouraging rock climbing, cross country skiing and kayaking as much as we can. These are expensive to run, but the fees ranging from $12 to $30 for a series of eight lessons pay about two-thirds of the costs."

Finally, Meyer notes that the basic idea behind an instructional course is for it to serve as an introduction to a chosen activity. A student won't actually get to be a John McEnroe or a Martina Navratilova by the end of their series of lessons. But then again, maybe he or she wouldn't want to be.□ *Simon Twiston Davies*

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WHAT THE MARTLET HEARS

McGill linguist searches for lost language

McGill linguistics professor Michel Paradis, MA'66, PhD'69, has made a significant contribution to the field of aphasia in bilinguals – the impairment or loss of the ability in bilingual people to use or understand the languages they write and speak. He recently published a book that reviews the literature of aphasia over the past one hundred years, *Readings on Aphasia in Bilinguals and Polyglots.*

A neurolinguist – one who studies the brain and language use – Paradis has identified six patterns of recovery in people who speak two or more languages. He also found that "bilingual people who suffer brain damage often fail to recover both languages. In some people the two languages are mixed – they frequently blend the words of the two together," he explains, "or they recover one language and only varying degrees of the other."

Paradis outlines the kinds of damage to brain tissue that cause aphasia: "Aphasia can occur as a result of a stroke, a car accident, or a gunshot wound. People so afflicted often have problems in one or both of their languages. They do recover, but no discernible factors have been found to predict which language might be the patient's best.

"Until recently, the recovery of patients from different countries could not be compared because testing procedures differed," he adds. "Neurologists desperately needed an instrument for testing that would be equivalent in all languages. It had to be something objective and quantifiable. We could not depend any more on the opinions of the patient's relatives."

Spending six weeks of each year between 1976 and 1980 in Paris, Paradis collaborated with the late Professor Henry Hécaen of the Institut national de la santé et de la recherche to derive a comprehensive test, short enough for patients with reduced capacities to bear. He worked with an international team of graduate students – German, Iranian, Bulgarian, Greek, and Brazilian – and had them "transpose" the Bilingual Aphasia Test into their languages.

This team did not simply translate the test into the other languages, because a problem that may be difficult in English may be easy in Greek or Portuguese: "We had to measure the complexity of the questions in English and then find their equivalents in other languages. All together, the Bilingual Aphasia Test has now been produced in thirty-five languages."

Paradis and his research team have thus made it possible to assess how a patient uses the four major components of a language: listening, reading, speaking, and the writing of words, sentences and paragraphs. The test also analyzes how bilingual aphasics use vocabulary, systems of sound and meaning, and the rules governing word and sentence formation.

One section of the test evaluates the patient's auditory-verbal discrimination. Paradis explains: "There are eighteen sets of four words each. We show a patient four pictures representing words that sound like one another. One set might be 'man,' 'pan,' 'fan,' and 'van.' We say a word and the patient has to point to the correct picture. In French, a set might be 'bain,' 'pain,' 'nain,' and 'main.' "

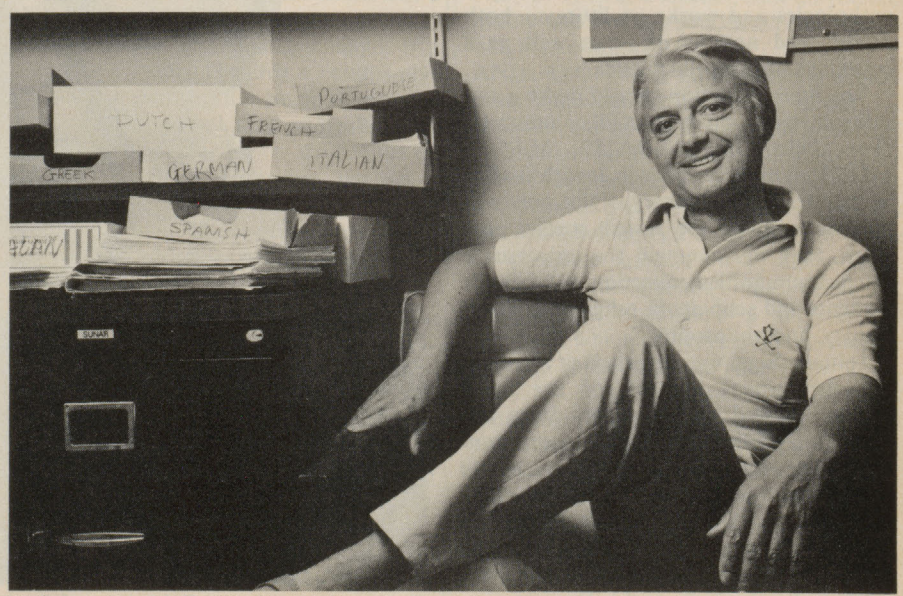
Paradis maintains that the Bilingual Aphasia Test has made overall evaluation much easier. "Generally, these tests are administered by speech therapists. But what about the Turkish-speaking patient who is stuck in a hospital in Brussels?" he asks. "With this instrument anyone who speaks the patient's language can assess performance in that language. The examiner simply reports what the patient does by recording the data on a scoresheet or by entering it into a portable computer. The analysis is done later by a professional speech therapist or by a computer."

Paradis confesses that he came into the field by an indirect route: "Actually, I had no intention of going into neurolinguistics. After receiving my PhD in philosophy from McGill in 1969, I taught French for the Protestant School Board of Greater Montreal (PSBGM) and ended up supervising the teaching of French for the board."

Realizing he needed to know more about languages, Paradis, who was already working on a second PhD, took a course at the Linguistics Institute in Buffalo, N.Y., in 1971 from Harry Whitaker, who started neurolinguistics as a field of research and founded the journal *Brain and Language.* "Whitaker asked me to write a review of the literature on aphasia. I did this as a distraction, which later became my book, *Readings on Aphasia in Bilinguals and Polyglots.* I was studying for a linguistics PhD at the University of Montreal," he adds, "but had no intention of joining a university. One day I got a call from my former McGill philosophy instructor, Professor Raymond Klibansky. He had just read an ad asking for a person with a curriculum vitae like mine. McGill needed someone with experience in applied linguistics to coordinate the teaching of French on the campus.

"Then the chairman of McGill's linguistics department called and asked me to give a talk. I didn't know anything about the workings of academia. I was being paid top salary at the PSBGM and had an excellent reputation there. I made up my mind not to accept a job from McGill and drew up a list of demands that I believed they would not meet." But today he can add, "I'm glad they did!"

At about this time, Paradis' article "Bilingualism and Aphasia" came out in *Studies in Neurolinguistics.* It was received favorably and helped him obtain funds for further research. He remembers that "people were assessing bilingual patients in one language, but hadn't thought that different languages could be recovered differently. When the article was published, people wrote to me from all over the world. Many wrote from India, where there are millions of bilinguals. People were highly receptive to a standardized test because of its immediate usefulness as a clinical tool."



While teaching at McGill, Michel Paradis, specialist in applied linguistics, has seen his BAT (Bilingual Aphasia Test) translated into thirty-five languages.

Vivian Kellner

Paradis has continued to produce important research. In 1984, his findings were published in a special issue of *Langages* in France. He has also co-authored *Neurolinguistic Aspects of the Japanese Writing System* with Hiroko Hagiwara, MA'82, and Nancy Hildebrandt. Going to press this fall with Lawrence Erlbaum Associates in Hillsdale, N.J., his most recent book, *The Assessment of Bilingual Aphasia,* will provide a rationale for the Bilingual Aphasia Test, along with criteria and instructions for its implementation.□ *Steven Maron*

Stern's collection of Judaica enriches McGill library

McGill University has received an excellent collection of books on the humanities, representing most of the library of the late Rabbi Harry Stern, LLD'38(hon). Spiritual leader of Temple Emanu-El in Montreal from 1927 to 1972, and rabbi emeritus until his death in September 1984, Stern built a collection of 3,000 volumes that charts the intellectual and spiritual history of Western civilization in the early part of the twentieth century.

On the shelves are a number of important sets and early editions such as the *Ben-Yehuda Hebrew Dictionary* in sixteen volumes with its *Prolegomena,* and the works of the Polish, Hebrew poet David Frishman, as well as many out-of-print books that are almost impossible to obtain elsewhere. In addition, the assemblage encompasses a large number of sermon anthologies and works on liturgy – both Jewish and non-Jewish – as well as a collection of cantorial music.

The Stern donation should make a significant impact on the McGill community, says Goldie Sigal, BA'52, MA'60, MLS'77, a bibliographer in Jewish studies at the McLennan Library. "Not only will the books enrich the Jewish studies program, they will augment the university's general humanities collection and benefit students and scholars in religious studies, history, and philosophy."

Initially Sigal was surprised at the interdenominational breadth of the Stern library. "I had no idea Rabbi Stern had such varied interests. He was courageous in starting efforts in interfaith thought and action and in committing himself to Jewish and non-Jewish humanitarian causes. He established bonds that no one in Montreal had bothered with before. And the scope of the collection reflects this."

Professor Gershon Hundert of McGill's Jewish studies program corroborates Sigal's enthusiasm. "People were excited when they heard about the collection. Scholars love to have more books to work with. Everyone from the department went over to the library and looked at the new acquisitions when they first arrived.

"The collection fills certain gaps in our holdings. It fits in with our department's interest in the history of Jewish thought and at the same time supports student research. It makes Judaica more accessible, as most of the materials are in English."

Hundert anticipates that the influence of the Stern collection will extend beyond McGill. "Stern was prominent. We hope the collection and his name will bring more attention to Jewish studies at McGill, as we are trying to raise money for a chair in this discipline."

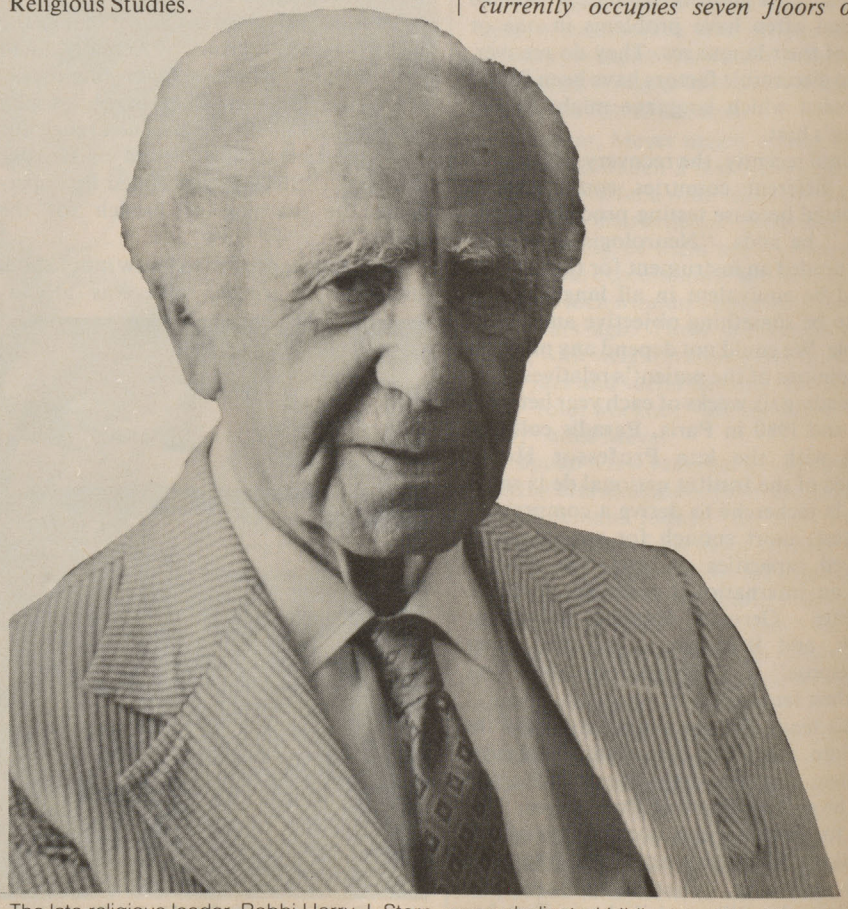
Stern's daughters, H. Stephanie Glaymon, BA'59, BLS'60, and Justine A. Bloomfield, gave this collection to McGill because of the special relationship their father had had with the university. In 1938 he was awarded an honorary LLD, and two years later with the support of his congregation, he presented a new, thirty-two volume, English translation of the Talmud and a new, ten-volume translation of *Midrash Rabbah* to the three cooperating theological colleges – Anglican, Presbyterian and United. In 1958 Stern spoke in Divinity Hall Chapel and presented a hand-written Torah scroll to the Faculty of Religious Studies.

The Stern collection will soon be available to the entire McGill community. On file throughout the university's library system, each book will be identifiable by a distinctive bookplate. This will fulfill the desire of the late rabbi, who wished above all that his books be used.□ *Steven Maron*

Architecture's new director looks ahead

The McGill School of Architecture has produced some of Canada's best known architects, including John Bland, BArch'33, Ray Affleck, BArch'47, and Arthur Erikson, BArch'50. Founded in 1896, it is one of the oldest in the Commonwealth. One of ten Canadian schools of architecture, McGill's is recognized – despite one of the lowest budgets per student of any school in North America – not only for its skilled graduates, but also for research, notably in minimum-cost housing.

As the school prepares to take over the Macdonald Harrington Building in 1986 (it currently occupies seven floors of the



The late religious leader, Rabbi Harry J. Stern, was a dedicated bibliophile. His children's gift to McGill has excited scholars of all denominations.

Laszlo, Montreal

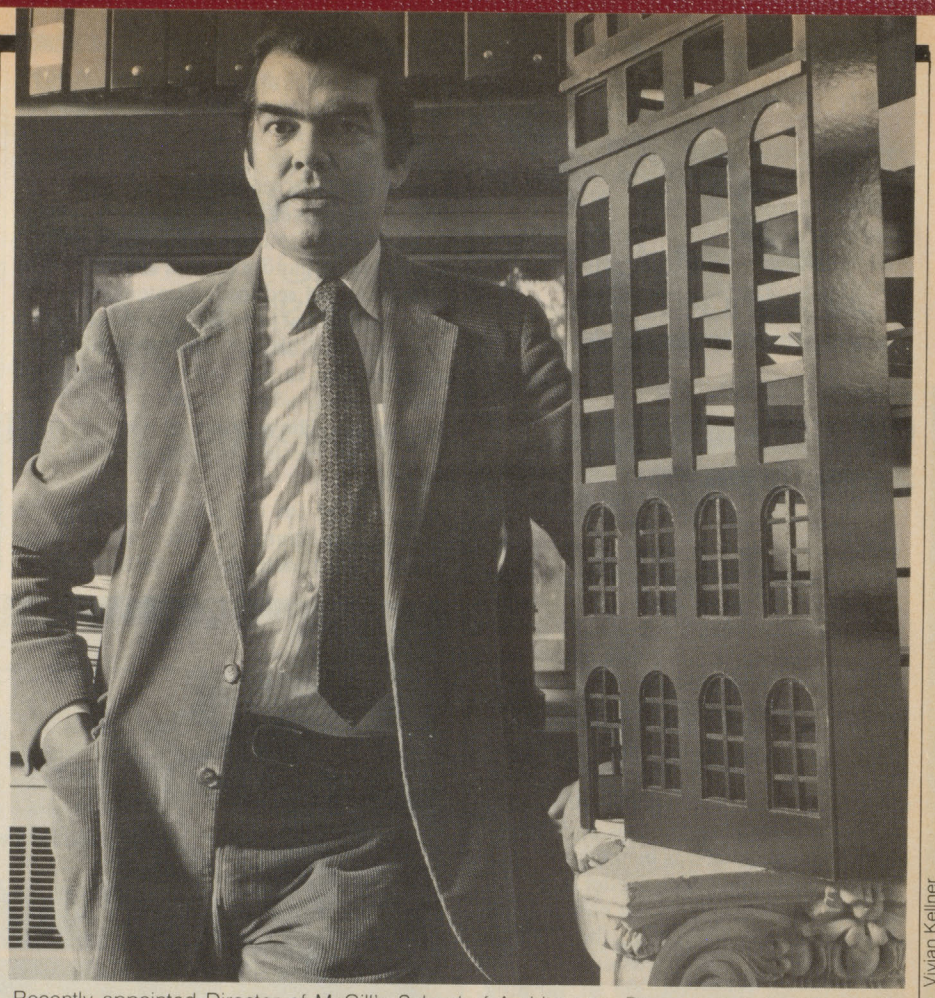
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McConnell Engineering Building), it welcomes Bruce Anderson, BArch'64, as new director. A graduate of the School of Urban Design at Harvard, Anderson also maintains an architectural and urban design practice with his wife Bissera (Doneff), BArch'71. Among their projects at this time is the interior renovation of the Montreal Diocesan Theological College. Former McGill News editor Charles Gurd, BA'72, who is himself an architect, spoke with Anderson about the current direction of the school and about the professor's own background.

NEWS: As the new director, what are your feelings about the McGill School of Architecture?
ANDERSON: I think the school has a remarkable reputation and an extremely strong tradition. It has maintained a sense of unity throughout the years due to the great distinction of many of its teachers, the consistent high quality of its students and its relatively small size. I see the school as having a very bright future.

NEWS: What are your ambitions for the school?
ANDERSON: Needless to say, we are going to continue to teach students to be good practitioners, that is our main function. And we will do this through a mainstay of courses in design and structural engineering, offered through our close affiliation with the Faculty of Engineering of which we are a part. One of the possibilities for our evolution involves the establishment of an urban design graduate program to be carried out jointly with the School of Urban Planning. This would be the first of its kind in Canada, although some exist in the U.S. We are also moving towards bringing computerization into architectural design and other areas, in order to operate on a more professional level. In addition, we would like to see the school develop a higher visibility and involvement with other schools across the continent. McGill should be reaching out and expanding opportunities for visitors to come to our school and bring new ideas.

NEWS: Do you feel the school is adequately preparing students for the evolving job market?
ANDERSON: Our graduates have had little difficulty to date being absorbed into the profession. While some regions of Canada have experienced swings in demand for architects, the Montreal area has seen an increased number of construction projects. I think there is a strong demand for architects who have traditional design experience, and in this regard it is our philosophy that students be trained to think, to be imaginative and to introduce new qualities into buildings. Of course, the other strong demand we are responding to is that of restoration architecture, estimated to currently occupy about 40 percent of the local construction industry.



Vivian Kellner

Recently appointed Director of McGill's School of Architecture, Bruce Anderson: "Our main function is to teach students to be good architectural practitioners, equipped with traditional design experience and a sensitivity to architecture's historical affiliations."

NEWS: What makes a good school of architecture?
ANDERSON: As in any school, it is the chemistry between teachers and students that makes it great, and generally, the school takes on their character at any given time. Some schools have assumed a unilateral character or philosophy due to the presence of an assertive personality at its head. However, schools that single out a philosophy in this way seem more prone to dissension and unrewarding change. If a student is inclined towards a certain philosophy of architecture, he or she should seek out the school that professes that philosophy. Offering a diversity of approaches, McGill, however, has never adopted a philosophy associated with a particular style. Of course, our school evolves, and addresses new issues.

NEWS: How do you train practitioners who, in a rapidly changing world, must address unfamiliar conditions?
ANDERSON: Well, the curriculum of study, which in architecture is rather hard to describe, involves core courses that more than anything else teach one how to question; the function of a building, its identity, symbolism, image and so on. This leads to an ability to synthesize many different factors – a process difficult to describe or even anticipate because it is so open-ended. Le Corbusier spoke of creation as a patient search and it is this aspect of architectural training that is so fascinating and elusive. On the other hand, more quantitative and pragmatic courses are essential to architects' design development. The thinking side of their training relates not just to practical problem solving but theoretical discussion and study.

NEWS: Then as a teacher, how do you feel McGill consistently produces practitioners of a high quality?
ANDERSON: The atmosphere is important, unquestionably. Having about 160 students, the school is relatively small and prides itself on its family atmosphere. This fosters the possibility of search and discovery. Because one finds enormous devotion and optimism here, the school is one of the few places on campus where students work day and night, weekdays and weekends. Our students develop a self-critical approach which drives them to constantly modify, refine and improve their work. They, in turn, demand the same high standards from the university in terms of program refinement and enrichment. They do not hesitate to contribute their commentaries for change and improvement. It is this dialogue, this joint striving for something better, that is one of the most beneficial aspects of university education.□

McGill Advancement
Commitment to excellence

Old Macdonald gets a new farm

In 1907 Sir William Macdonald bought a farm. His intent was to use the Reford Dairy Farm in Ste. Anne de Bellevue, Que., as a model for students of modern animal husbandry at the new agricultural college, of which he was benefactor.

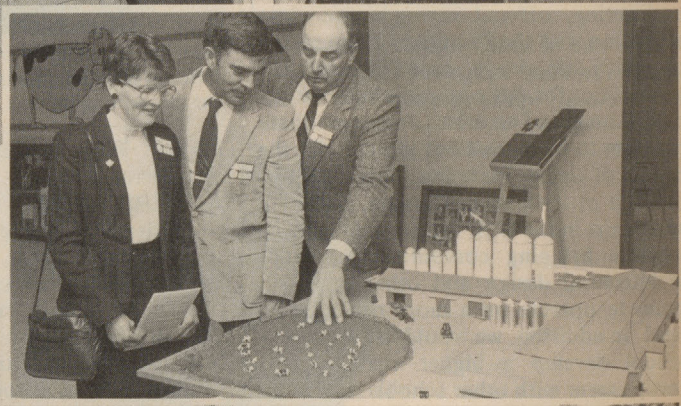
The requirements for a model farm have changed considerably in the past seventy-eight years, and with them, the scientific study, teaching, and extension work that has furthered the evolution of farming. This July at Macdonald College, work started on the new Animal Research and Teaching Complex. When finished, it will house young and mature cattle, swine, sheep and poultry, plus facilities for teaching and research.

"You don't have to be in agriculture to understand the challenge that faced our planning committee," says Roger Buckland, BSc(Agr)'63, MSc'65, dean of the Faculty of Agriculture and vice-principal of Macdonald College. "Our existing beef and dairy complex dates back to 1910." Moreover, the college faces new demands. Environmental concerns call for new ways to handle animal waste. Labor efficiency and reduced maintenance costs pose additional challenges. Agriculture has begun to attract students who have never lived on farms. Visitors from abroad come to study advanced methods of food production. The pressure of world hunger acts as yet another spur to research and teaching.

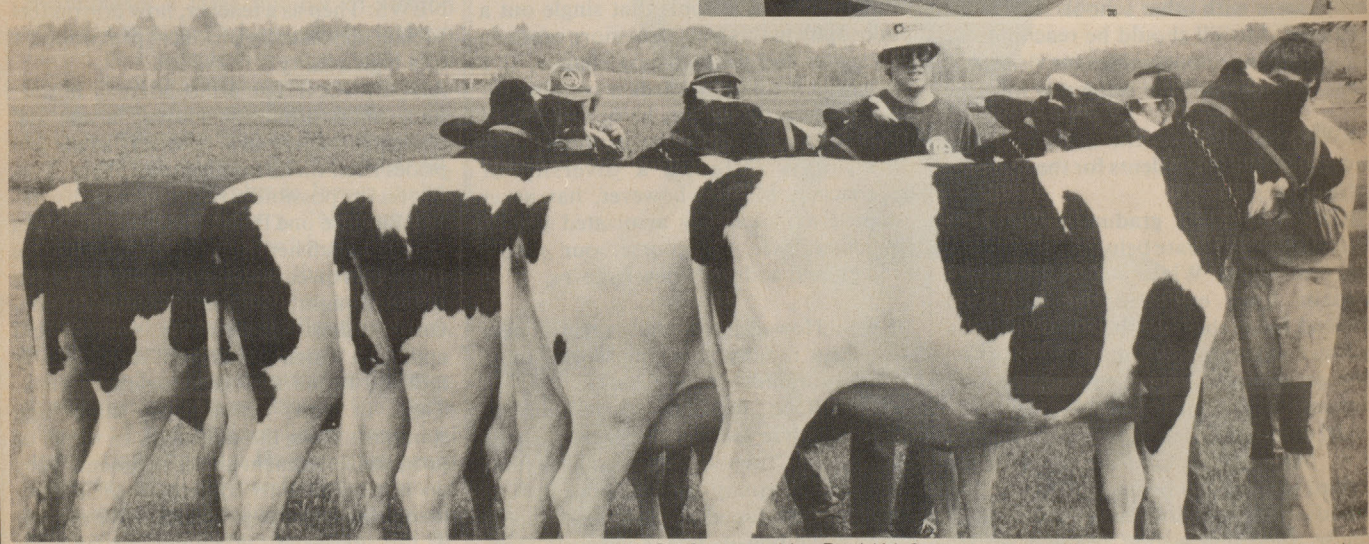
Scheduled for completion in 1990, the new animal complex will occupy some 8,000 square metres. New cattle facilities will include a dairy barn, calving area, cattle replacement wing, cattle growing area, feedlot, hay barn, silos, feed mixing area and modern manure handling equipment. The swine complex will have areas for sows, weaning, manure handling and research, consolidated from the present arrangement that uses several old buildings for different sorts of swine production and research.

Sheep facilities will be renovated and consolidated. A new poultry installation will be combined from seven different buildings and moved into the main farm complex. They will have modern cage areas, environmental rooms, feed storage, incubators, waste handling, as well as laboratories and classrooms. In addition, the complex will include overflow space to





Rick Kerrigan



Macdonald College

Top Photo: In a summer setting Principal David Johnston, left, and McGill Governor Mrs. David M. Stewart join Vice-Principal and Dean of the Faculty of Agriculture Roger Buckland, right, in acknowledging the generosity of R. Howard Webster, as the cornerstone of the new Macdonald animal teaching and research complex is unveiled. **Middle Photo:** Dorothy (Hodgins) Sager, BSc(HEc)'59, Stanley Reid, BSc(Agr)'60, and, at right, Ross Sager, BSc(Agr)'60, admire a model of the farm, construction of which has already begun. **Bottom Photo:** "Mac" students have no trouble handling these college-trained animals.

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house extra animals, a slaughter facility, and a new animal research area to support special physiological studies on domestic animals, including nutrition research.

"These plans represent an ambitious project for the redevelopment of the farm area," Buckland stated, "and begin a major restructuring in the Faculty of Agriculture to maximize cooperative teaching and research in all areas."

The cornerstone for the new complex was unveiled on 18 July on the Macdonald campus during the college's 1985 Farm Days. During his remarks, Dr. Buckland praised the initiative of the principal donor, and the work of the staff and retired College vice-principal, Lewis Lloyd, BSc(Agr)'48, MSc'50, PhD'52, whose efforts have shaped the redevelopment of the farm, that is "unique in agriculture."

Federal and provincial government representatives attended the ceremony, praising McGill's leadership and contribution to modern farm practices in the Quebec community and far beyond.

Pierre Blais, parliamentary secretary to John Wise, Canada's minister of agriculture, described Macdonald's participation in development projects in Haiti, Egypt, India, and Pakistan. "It's because Macdonald College has done such a consistently excellent job on projects such as these, that among Canada's agricultural universities, it has become the agency's number one choice for the implementation of foreign agricultural development projects."

Jean Hébert, Quebec's director of agricultural research, saluted Macdonald's sustained contribution to modern, scientific agriculture and its "substantial contribution to Quebec's stature as Canada's leader in dairy production," which generates some 45 percent of farm revenues in the province.

The new animal complex and farm redevelopment has been made possible through McGill's capital campaign, the McGill Advancement Program, with contributions from graduates, faculty, staff, corporations, and other friends, and through government funds. Major impetus for the project comes from a significant leadership gift from Howard Webster, BA'31, a longtime benefactor of the university.

"This is a magnificent gift," Principal David Johnston said in July as Webster unveiled the cornerstone for the new complex. "It is a building block of the new Macdonald." Remarks delivered by federal and provincial representatives, he said, "show our world as a global village. There are no easy solutions to international inequalities in food supply. But Macdonald College will stand ready – with modern facilities and advanced research capacities – to face the challenges of food production, storage and distribution in a world growing ever more complex."□ *Vivian Geeza*

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Executive-in-residence

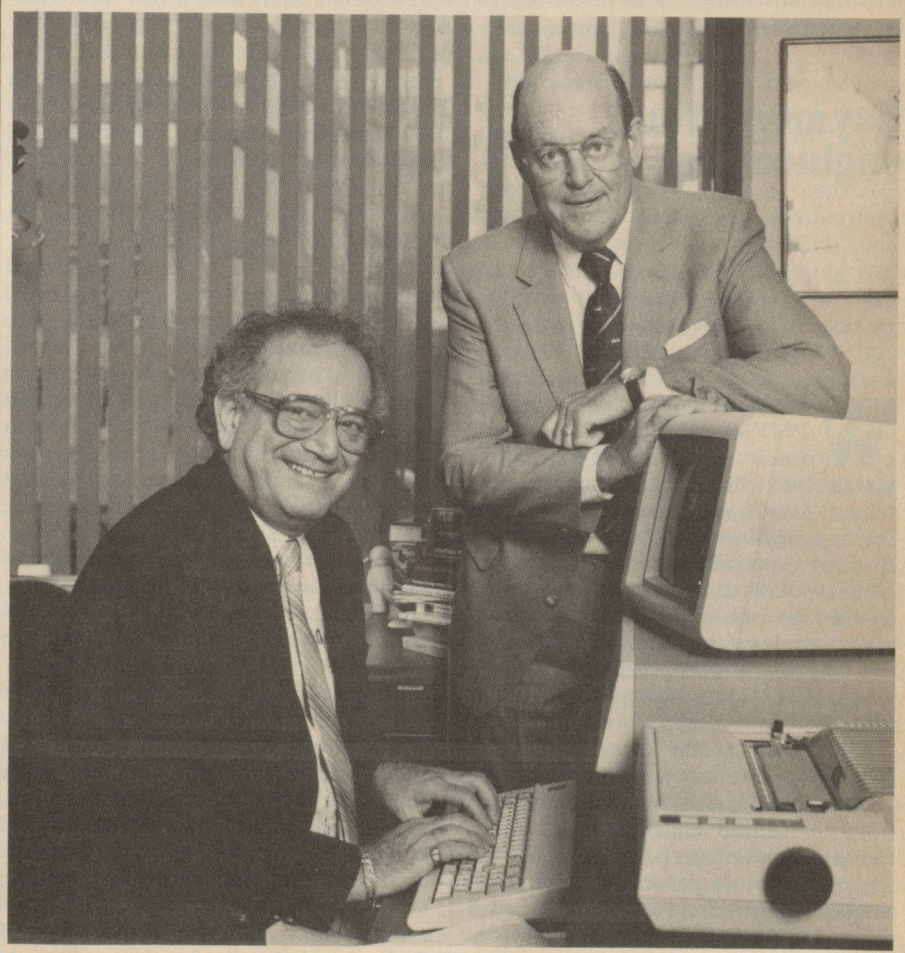
"I was born two blocks away," says Hugh Norsworthy, BA'47, looking out his office window in the Bronfman Building to Mount Royal, "but I have travelled a lot with Alcan." Norsworthy's business experience has included posts in sales and marketing as well as a position as head of Alcan's building products division. Now he has changed gears and works with colleagues in McGill's Faculty of Management.

"You could say I was unprepared to see the amazing amount of research that goes on in this place. Other faculty members ask me to critique their work. One of my projects is to help graduating students improve their interviewing technique. They know a lot, but they haven't always given as much thought to the way they present themselves."

In 1984 Norsworthy joined the Faculty of Management as executive-in-residence. He teaches Industrial Marketing to commerce and MBA students, and sits on the MBA program committee to plan the content of management courses to be offered. "We want to use the computer more in teaching – to get the hardware and software into the students' hands – and develop case studies involving computers in actual analysis.

"Another project I've helped with is the university's new MBA management magazine, *McGill Management,* which Norm Keesal has planned as a way to serve our alumni. The first issue will be out this fall."

Norsworthy is the first executive-in-residence at the Faculty of Management. The program was funded by Alcan through a corporate contribution to the McGill Advancement Program.□ *Vivian Geeza*



Rick Kerrigan

Hugh Norsworthy, standing, is the first executive-in-residence at the McGill Faculty of Management, a program made possible by Alcan, Norsworthy's former employer. Here he consults with Norm Keesal, director of the Management Institute at the Faculty.

Two of four 1985 Izaak Walton Killam Prizes go to McGill academics

by Janice Hamilton



Dorothy Johnston Killam



Izaak Walton Killam

Izaak and Dorothy Killam were one of Canada's more remarkable couples. As president of Royal Securities, Izaak Walton Killam controlled one of the most vital and important finance houses in Canada. Dorothy, dynamic, astute and socially adept, was a perfect complement to her reserved, introverted husband. Together they built a substantial empire which tapped and produced great wealth. In keeping with their lifelong belief in higher education as a means to develop Canada's future, they channelled over $125 million into the realm of advanced scholarship. In 1949, intrigued by the work of the Montreal Neurological Institute, Killam anonymously donated $50,000 for multiple sclerosis research. Dorothy later gave the institute $4 million from her own well-managed estate.

After her husband's death in 1955, according to his stated wishes, Dorothy Killam established the Izaak Walton Killam Memorial Fund for Advanced Studies and bequeathed substantial legacies to a number of Canadian universities, the Montreal Neurological Institute and the Canada Council. A major contribution was also made to build a children's hospital in Halifax, N.S., as a memorial to Izaak Killam. His name is remembered at McGill by the Killam Chair in Neurology and Neurosurgery.

The Izaak Walton Killam Memorial Prizes are the most prestigious of the Canada Council Killam Awards. They were created to honor eminent Canadian scholars, nominated by their peers, actively engaged in research in industry, government or universities. These awards, worth $50,000 each, are given annually in recognition of distinguished lifetime achievement and outstanding contributions in the fields of natural sciences, health sciences or engineering.

Raymond Yong, engineering

When Raymond Yong, MEng'58, PhD'60, director of McGill's Geotechnical Research Centre, won the 1985 Killam prize for engineering, a local newspaper mistakenly described him as an agronomist. Quick to point out he is not a specialist in farmland management, the William Scott Professor of Civil Engineering and Applied Mechanics has a hard time classifying himself. "I'm not a civil engineer or a geotechnical engineer," Yong insists. "I just call myself a problem-solver."

In announcing the prize for Yong's lifetime achievement in engineering, the Canada Council cited his substantial contribution to the understanding of the mechanics and properties of soils. He is a recognized world leader in permafrost engineering and his research has had a major impact on all types of arctic construction projects. He has also done important work on waste disposal, the properties of snow, and the off-road mobility of vehicles and machines. With a list of publications including more than 300 papers in journals and conference proceedings, he has also co-authored or co-edited 80 books. He holds 36 patents, proof of his ability to marry basic research to practical industrial applications.

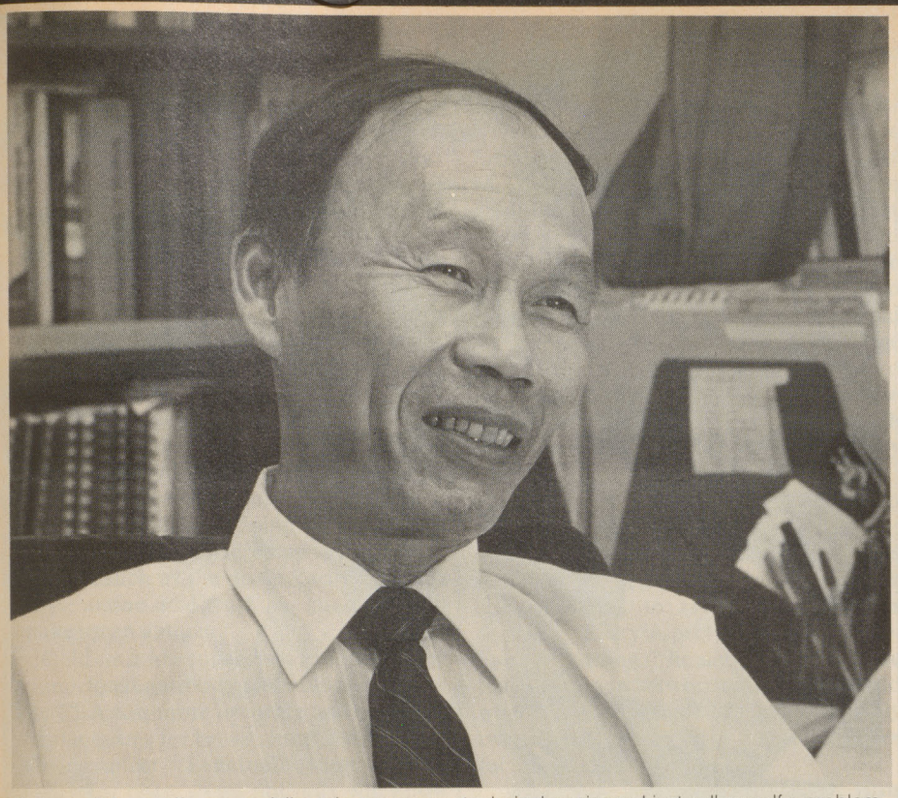
Despite his energy, enthusiasm and determination, the trim fifty-six-year-old professor, who this year was named by the province Chevalier de l'Ordre du Québec, remains softspoken and modest as he confesses he never envisioned his career taking the path it has. He attributes his success to the fact that as a student, not sure what to do, he spent many years building up his knowledge of science, mathematics and engineering. He adds: "I've always been curious. I asked a lot of questions for which there were no answers. That is a necessary and convenient characteristic to have if you want to do research."

Born in Singapore, Yong went to the United States at age seventeen to attend Washington and Jefferson College, the alma mater of his American missionary godfather. Following his family's wishes, he began in pre-med, but quickly switched to math and physics. The career prospects in those fields did not appeal to him, however, so his next degrees were in civil engineering at Massachusetts Institute of Technology and Purdue University. At Purdue his interest started to turn towards soil and geotechnical problems. Then, still intending to return to Singapore, he came to McGill for a second master's degree in engineering in 1958 and a PhD in 1960. "I think you'll find mine was the first official PhD from this department," he adds.

The skilled researcher attracted bright graduate students and, ten years ago, set up a centre for geotechnical research. Geotechnical engineering pertains to anything having to do with soil. It studies how the properties of soil affect building foundations and designs, the construction of roads and pipelines, and the seepage of contaminants. With an annual budget of $1.5 million to $2 million, every penny of which is garnered through government or industrial contracts, the centre brings together 30 graduate students and more than 30 staff researchers in a number of disciplines including geology, physics, microbiology, chemistry, computer science and civil engineering.

Yong is probably best known for his theories explaining the geotechnical engineering properties of soil in terms of the interactions between the particles of sand, clay, water, microbes, organic matter and its other ingredients. His explanations of soil physics and chemistry at this microscopic level have furthered the understanding of the behavior of soil when, for example, it is subjected to the stress of a building foundation, bridge or road, or when water and chemicals filter through it. "I focused on soil because it is a difficult material," Yong says. "It's not something

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Harold Rosenberg

Raymond Yong: "I'm not a civil engineer or a geotechnical engineer. I just call myself a problem solver."

you can construct to your specifications, but comes to us after millions of years of evolution. Fortunately, we don't have to understand all the basic principles before we build on it, but our scientific understanding has to catch up."

In recent years he has focused on one of the major problems facing today's geotechnical engineer: the need to monitor and manage the disposal of wastes from industry, agriculture and domestic activities. Everything in the air and water eventually gets into the ground, he points out, and the soil diffuses and absorbs contaminants to render them innocuous. The compost heap that turns wastes into fertile soil is a perfect example. Yong says we need to determine under what conditions soil will do this, how long it takes, and how much it can handle. The answers depend not only on what wastes are involved and whether they are liquid or solid, but also what soils there are, as soil differs from place to place. And to complicate matters even further, many wastes don't break down naturally.

Yong has worked with the Alberta tar sands project, the nuclear industry, and mineral extraction operations around the world to improve their waste management. He has looked into the environmental problems arising when slurry, or water containing chemicals and fine particles from processing, overflows the banks of a settling pond. He has also investigated how to build dikes, as well as better ways of chemically treating the sludge. "In one project, there was a lot of organic material in mining slurry that just wouldn't settle," he explains. "We had to start in the lab with detailed physical and chemical tests to determine why it didn't sink and then find an additive that would separate the solids from the water, detoxify the liquid and generate a stable sediment."

Although he refuses to personally benefit financially from any of his patents and inventions, a salesman lurks behind Yong's academic gown. In many cases, he doesn't wait for industry to come to him: "All methods of getting rid of wastes cost money, so I go to a company and tell management there is a simpler, cheaper way. I explain my theory, how it will work, and how much time and effort it will take to develop. I calculate their capital costs, rates of return, and market potentials. If you don't speak his language, you can't expect a businessman to understand. Most academics don't spend enough time trying to learn about industrial problems from an industrial perspective."

Yong is not competing with industry. After talking with him, he says, businessmen usually realize there is more to a problem than their rough-and-ready approach can handle. Anyway, he adds, only a few companies have a budget for the basic research he does. In all these projects, even though he feels strongly that an engineering professor is obligated to transfer his findings from the lab into the real world, he must be sure that there is enough basic content to challenge his students and meet the university's academic requirements.

Early in his career, Yong was interested in a completely different facet of soil engineering – the freezing, thawing and frost heaving of roads and railroads, and in permafrost. Spending many summers flying across northern Canada, he camped out alone, investigating sites for emergency landing strips. Later, he worked as a consultant to industry on Mackenzie Valley pipeline studies. "I was practically born on the equator," he laughs, "but have spent years working in the arctic."

"The most important thing in arctic construction is that the top layer of organic material, which acts as a thermal blanket shielding the permafrost underneath, be protected," Yong says. "It took a long time for people to appreciate that, and southerners still don't fully understand arctic engineering."

Although he no longer travels in the north – "the older you get, the less you appreciate the cold" - he remains fascinated by the physical and mechanical properties of snow. He maintains a cold laboratory on campus as well as field stations in the Laurentians and the Eastern Townships.

With the rise and fall of temperature and humidity and the descent of rain or snow putting pressure on older layers, the properties of snow change. They also vary from one area to another, even between Yong's two field stations, no more than 150 miles apart. All these factors make snow a frustrating challenge, not only because sophisticated laboratory measurements are difficult to obtain in the field, but because conditions differ from one day to the next.

For some twenty years Yong has also been concerned with vehicle-soil traction mechanics, or the "trafficability" of different soils. Traction mechanics deals with the mobility of all kinds of apparatus, from military machines to transportation vehicles, on terrains such as sand, snow, thawed muskeg, or soil that becomes too soft to support heavy construction equipment during rainy seasons. His research involves adapting such machinery to a specific situation – for example, by modifying the wheel or track design while also considering fuel efficiency.

Hearing Yong speak of the care he takes not to disturb delicate plants while measuring the depth of a thawed layer of arctic tundra, or of the need to clean up industrial wastes, one realizes his concern for the balance of nature. Yet asked whether he would call himself an environmentalist, he replies the word conjures up too many meanings and he doesn't want to label himself as anything but a problem-solver.

"I'm a firm believer that, given the proper incentive, money and technology can overcome many environmental problems that industry has been accused of creating," Yong says. "Industry exists to produce goods and services and to benefit financially. Obviously there is a conflict here, but that doesn't mean industry doesn't care for the environment. It just means that the cost of caring has to be kept within reasonable bounds – and that is something I want to try to achieve."

Phil Gold, medicine

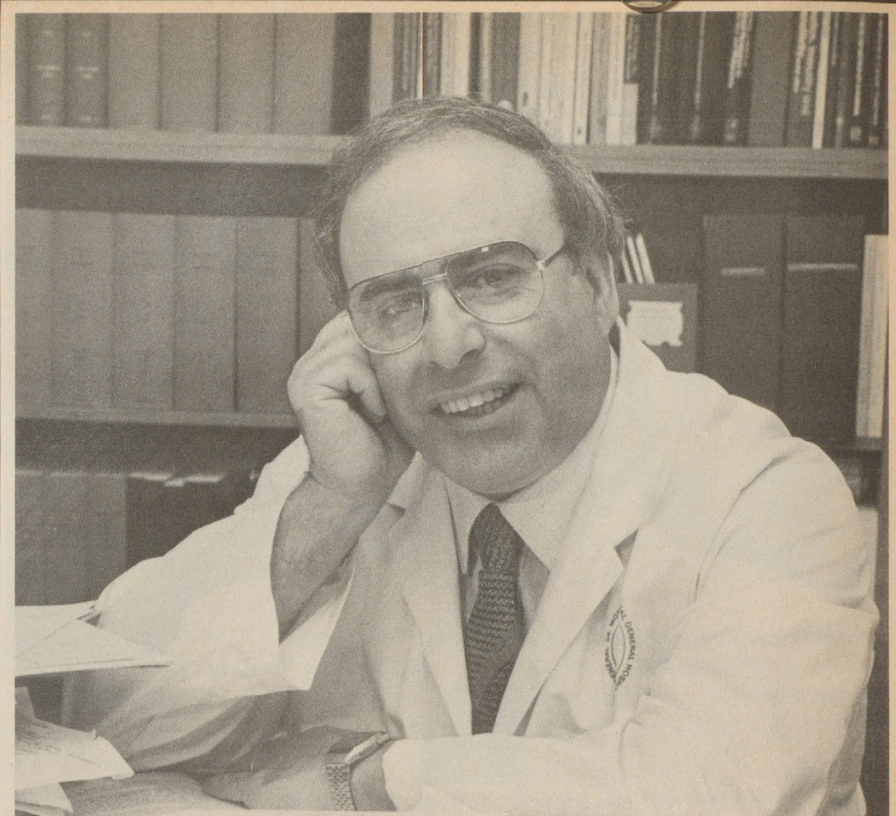
In the twenty years since Dr. Phil Gold, BSc'57, MSc'61, MD'61, PhD'65, discovered a blood test for bowel cancer, that examination has become routine in hospitals around the world. Gold has won honor after honor, including one of this year's Killam prizes from the Canada Council, and his discovery has opened up a whole new field of cancer immunology – yet fundamental questions about the substance he found remain unanswered.

In 1965, while still a medical resident and working on his PhD in immunology under Dr. Sam Freedman, BSc'49, MD'53, DipIntMed'58, the young researcher and his supervisor stumbled upon a molecule found only in two places: in the cells of bowel tumors and in the digestive tract of the fetus. From that, they were able to develop a test that signals the presence of bowel cancer. But the unravelling of what this substance can tell us about cancer has been painfully slow. Scientists still don't know what its function is in the tumor cell, or why the tumor and the embryo have this molecule in common.

In order to answer some of these fundamental questions, Gold and his colleagues at McGill have been working hard to refine the blood test and to develop similar tests for other types of cancer. He is also involved in the study of AIDS (acquired immune deficiency syndrome).

Gold now divides his time between his duties as physician-in-chief of the Montreal General Hospital, looking after patients and teaching, and his involvement in planning experiments and project reviews. Although no longer able to do hands-on research, he prefers this arrangement: "I can be more objective than I would be otherwise. Besides, this has given me an opportunity to pay back what was done for me. You don't just do research on your own. People have to let you. You also have to be lucky – which I was – and now I'd like to create some luck for others."

Phil Gold, 49 years old, has been called everyone's Good Shepherd. His door is always open to staff and medical students, although his secretary does her best to guard him. He's fiercely proud of McGill and chauvinistically Canadian, and if he hadn't gone into medicine, would have been a whiz at public relations. He's not above chatting about his job and his photography hobby with the effusive hostess of a local television program; and many Canadians have seen Gold's round face beaming, next to actor Donald Sutherland in television spots featuring members of the Order of Canada.



Harold Rosenberg

Phil Gold: "You don't do research on your own. People have to let you. You also have to be lucky, which I was."

But it wasn't just charm and enthusiasm that made Gold a successful researcher. In what he admits was youthful ignorance, he asked the right questions. He maintains that if he had known then what he knows now, he wouldn't have tried his experiments: "I was young and foolish, and it seemed so obvious that someone should try to relate cancer and immunology. But the approach I took was naive, and it was only by good luck that I tripped across this molecule."

For many years, he explains, people had been asking: if a tumor is foreign to the body, why isn't it rejected by the organism? "People had tried to demonstrate that there was an immune response to the cancer tissue. Many scientists had also tried to show how cancer cells differ from normal cells, but none of their techniques showed any qualitative differences. The first thing we did that was different from previous approaches," says Gold, "was to apply the techniques of immunology to this question. The other thing we did was to use the patient's own normal tissue, removed during the operation, as a control."

Using a variety of immunological methods, Gold and Freedman found a substance that was present in the tumor cells, but not in the normal bowel tissue. They also discovered it in all types of bowel cancer and in fetal gut tissue, but not in other types of cancer. The substance was thus named carcinoembryonic antigen, or CEA: carcino refers to cancer, embryonic to the fetus, and antigen to something foreign to the body that acts to stimulate the immune system.

Next, they asked whether this molecule, which sits on the cell surface, enters the bloodstream. When the answer was yes, they went on to develop a test to detect it. But one problem arose: many patients without bowel cancer were having positive blood tests. Because of the frequency of false positives – as well as false negatives if the tumor is too small – the CEA test can't be used to screen people for cancer, but it is widely employed to monitor bowel cancer patients. "Before surgery, the concentration of CEA is predictive of the extent of the disease," Gold explains. "After the operation, the drop in CEA is predictive of that individual's potential cure."

Administered periodically, the test can also serve warning from three months to

three years before any other signs appear that the cancer has returned. Gold notes there are many possibilities why CEA shows up in the circulation of other types of cancer patients, although the antigen can't be found in any other tumors. Most probably CEA belongs to a family of molecules, all of which are identified as similar by the test.

"We started with CEA and have since discovered a variety of other molecules with similar properties," he says, suggesting there may be a normal common precursor for these antigens that is slightly modified in each type of cancer cell. Techniques using monoclonal antibodies, the so-called guided missiles of modern biology, should give researchers a better idea how these molecules differ. Monoclonal antibodies are able to distinguish the most minute differences between substances, such as the dissimilarity of just a single amino acid from the hundreds that make up an antigen.

Gold and his colleagues are also using monoclonal antibody technology to make the CEA test more accurate and to create similar exams for breast, lung, bladder and uterine cancer. "Eventually, there will be a battery of tests, so we not only will know whether the result is positive, but what organ is involved," he explains.

Another approach Gold, along with McGill biochemist Cliff Stanners and immunologist Dr. Abe Fuks, BSc'68, MD'70, acting director of the McGill Cancer Centre, are using to solve the mysteries of CEA is to clone the gene that codes its production. "The idea is to get the genetic code for the protein backbone of CEA," says Gold. "When you get that, you can see the normal situation in the embryo and whether the sequence is altered in the tumor."

He says the simplest explanation for the existence of CEA in both malignant and fetal tissue is that, as the embryo develops from the fertilized egg, the cells pass through a phase where they require CEA to live. "In the process of becoming cancerous, we know that cells undergo differentiation. They move backwards in time, and begin to express information lost as they specialized. Cancer cells arising from different tissues are more like each other than like the cells from which they came. Perhaps they once again require the molecules they used in embryonic life."

He cautions, however, that this explanation may be too simplistic since the cells of the embryo undergo well-controlled growth and develop into specialized tissues, while cancer cells grow wildly.

Together with one of this year's Killam Prizes, Gold has won the 1983 Ernest C. Manning Award, the Johann-Georg-Zimmermann Prize for Cancer Research and the Gairdner Foundation Annual Award in 1978 and the 1973 E. W. R. Steacie Prize for Science from the National Research Council of Canada. He is also a fellow of the Royal Society of Canada and an officer of the Order of Canada.

That's pretty impressive for someone whose parents were immigrants from Eastern Europe and who grew up in the St. Urbain Street area of Montreal, made famous by novelist Mordecai Richler. At McGill, Gold started out in zoology ("the great advantage of this subject was that there were no Saturday morning field trips"), then switched to physiology. He gives much credit for his success to his two mentors: Arnold Burgen, now Sir Arnold and master of Darwin College, Cambridge University, who recommended he go to medical school; and Sam Freedman, now McGill's vice-principal academic, with whom he shares the credit for the discovery of CEA.

Recently Gold turned his attention to another major public health problem: AIDS, a condition in which the patient's immune system is so devastated that he or she succumbs to severe infections or tumors. "Every aspect of AIDS is absolutely intriguing," he says. "What is there that's common between areas of the world where AIDS is found? It's not all sexually transmitted. There have got to be other factors involved."

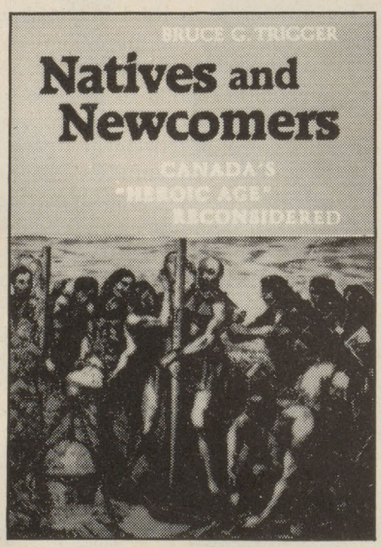
While thinking that the HTLV-III virus that American researchers have found to be associated with AIDS is important, Gold adds: "I don't think it is the causative agent, or it's only causative with a variety of other parameters."

Gold and Drs. Joe Shuster, BSc'58, and Chris Tsoukas, BSc'68, are involved in a major study of hemophiliacs and AIDS at the Montreal General Hospital. Doing detailed examinations of 400 Canadian hemophiliacs regularly treated with blood products, and less exhaustive studies of more than 1,600 members of other high-risk groups, they are looking for changes taking place in the immune systems of people who have been exposed to the HTLV-III virus.

So far, they are fairly optimistic about their findings since none of the hemophiliacs whose blood tests showed they had been exposed to the virus in 1982 has developed AIDS. A number have experienced fevers, weight loss or swollen lymph nodes, symptoms previously thought to preceed AIDS, which researchers are now beginning to believe do not lead inexorably to the disease. Instead, there seems to be a broad range of immune system changes following exposure to this virus, with AIDS at the far end of the spectrum.

The researchers are currently examining some twenty different types of immune cells to see what changes occur and whether any early abnormalities are predictive of later AIDS. "We have to understand how the disease evolves before we can stop it," says Gold, adding that unless AIDS is controlled, it poses a major threat to the health of the nation and the world.□

Bruce G. Trigger **Natives and Newcomers**
Canada's "Heroic Age" Reconsidered



BRUCE G. TRIGGER is a member of the Department of Anthropology, McGill University, and the author of *The Children of Aataentsic: A History of the Huron People to 1660.* In 1985 he was awarded the Innis-Gérin Medal of the Royal Society of Canada for his distinguished and sustained contribution to the literature of the social sciences.

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Prepare to meet thy retirement

by Susan Keys

"No matter what your age, it's never too early to start preparing for retirement. With careful planning, it can be one of the most rewarding times of life." So says Blossom Temkin Wigdor, BA'45, PhD'52, a Canadian pioneer in the fields of gerontology and retirement counseling. Wigdor is the editor and guiding spirit behind *Planning Your Retirement: The Complete Canadian Self-Help Guide,* published this summer simultaneously in French and English by Grosvenor House Press.

The name Blossom Wigdor will be familiar to many McGill alumni and faculty because of her long association with the university, first as a student, then as associate professor of psychology from 1972 to 1979, and as chairperson of the Graduate Faculty committee on aging. It was in this latter capacity that she first organized and led seminars on aging and retirement.

Wigdor has a wealth of experience dating back to the 1940s as a clinical psychologist working primarily with the elderly at such institutions as the Queen Mary Veteran's Hospital, the Montreal Maimonides Hospital and Home for the Aged, and Toronto's Sunnybrook Hospital. She is currently gerontology program director at the University of Toronto, where she is also professor of psychology, and the editor of the *Canadian Journal on Aging.*

Old age is the most unexpected of all things that happens to a man.
Leon Trotsky
Diary in Exile

Wigdor's extensive knowledge underlies her most recent book, in which many experts give practical advice suitable for individuals facing retirement. Chapter titles include: "Planning for Change: Psychological Aspects of Retirement"; "Roosting and the Empty Nest: Living Arrangements in Retirement"; and "Taking it with You: Financial Planning for Your Retirement." Other sections offer advice on estate planning, health concerns, and the management of increased leisure time. The book also contains many checklists helpful in evaluating individual readiness for retirement, and an appendix with province-by-province listings of contacts for community health, housing, and counseling services for seniors.

Planning Your Retirement is a timely addition to the growing public awareness and debate about this subject. Wigdor feels that such interest will increase as the baby-boom continues to age. Members of this group who think that their sixty-fifth birthday is too distant a prospect to even contemplate should think again, according to Wigdor: "It's never too early to begin financial planning."

If you survive long enough, you're revered – rather like an old building.
Katharine Hepburn

In fact, she warns, baby-boomers may have to be more resourceful and better prepared than their parents. The demographic bulge created by the post-war population increase means that, by the year 2031, 21 percent of all Canadians will be aged sixty-five or over, as compared to 9.7 percent at present. Wigdor points out that by the time those now in their thirties reach retirement age, they may not be able to take for granted the financial safety net provided by the current system of universal pensions.

"It's unrealistic to think the state can continue to assume the major burden of the financial needs of the elderly. Certainly, people are going to have to take more individual responsibility for their financial security in retirement," Wigdor states. The furor surrounding the May 1985 federal budget proposal to limit indexation of pensions would seem to indicate resistance on the part of Canadians to any erosion of the present system. Nonetheless, Wigdor feels her position on the role of the state in pension financing is supported by the facts. A case in point is the recent warning by Quebec Pension Plan administrators that, at the current rate of contributions, funds will not be adequate to support the projected increase in pension beneficiaries.

Old age takes away from us what we have inherited and gives us what we have earned.
Gerald Brenan
Thoughts in a Dry Season

Wigdor's views on the need for greater self-reliance in retirement financing are consistent with her belief that information and individual initiative are key elements in a secure and satisfying retirement. For example, the many depressed retirees are urged to seek counseling, in order to alleviate feelings of aimlessness and worthlessness: "It is important that seniors know that what they are experiencing is completely normal." Similarly, Wigdor cautions that homemakers who feel exempt from the effects of retirement, because they do not work outside the home, should be aware of the adjustment problems they may confront when their spouse gives up his post.

A priest, a minister and a rabbi were having a discussion about the beginning of life. According to the priest, life began at the moment of conception. The minister disagreed. As far as he was concerned, life began at birth. "You're both wrong," the rabbi said. "Life doesn't really begin until the children leave home and the dog dies."
Anonymous

The question of family finances is an even more urgent issue for such women. Citing the facts of women's longer lifespan, and the growing incidence of divorce, Wigdor is alarmed that "homemakers are often completely in the dark about the family's finances." She is adamant that "they must inform themselves of their husband's financial affairs," or risk crisis and hardship at a time when they are perhaps least able to deal with them.

Wigdor herself has had long experience juggling marriage, motherhood, and a career. She admits to "some pride" at being considered a trailblazer by young women attempting to combine career and family. As a student in the 1940s, Wigdor and classmate Brenda Milner, PhD'52, were the only women in a faculty dominated on both sides of the desk by men. Refusing to accept the old adage that women work twice as hard as men to be considered their equals, she does remember that females were regarded as an obstacle by some. When she applied to



John Geeza

Blossom Wigdor believes information, individual initiative and greater financial self-reliance are key elements in a secure and satisfying retirement.

medical school, one professor pointed out that she was a poor risk for training, because she was engaged to be married and would doubtlessly drop out of university. Wigdor went on to put the lie to any scepticism regarding her commitment to her career – or her fiancé. All her "professions" – psychologist, academic, wife, and mother – have been marked by the same high degree of success.

Wigdor laughingly admits that any discussion of *Planning Your Retirement* leads inevitably to questions about her own retirement plans. A vital and attractive woman, she states the obvious: she is "not the type to retreat to a rocking chair. Many people can't wait to retire, but I'm one of the lucky ones, in that my work and my pleasure are one and the same."

There is no such thing as "on the way out." As long as you are still doing something interesting and good, you're in business because you're still breathing.
Louis Armstrong

Nonetheless, Wigdor does plan to retire. She feels strongly that academics should step down from full-time positions and make room for younger scholars. Wigdor has no intention, however, of renouncing her involvement in the field of gerontology. She anticipates remaining in the university milieu as a consultant or administrator, who will continue to expand society's awareness of the largely untapped potential of its senior citizens.□

Permission to use quotations granted by Grosvenor House Press, publishers of *Planning Your Retirement: The Complete Canadian Self-Help Guide*, edited by Blossom T. Wigdor and sponsored by the Standard Life Assurance Company, 1985.

Young's Law of geriatric compensation

by John E. M. Young

Introduction

It is generally recognized that with the onset of geriatricism certain physical and mental changes – mostly negative – make their appearance. For most of us, an awareness of these changes is accompanied by feelings of nostalgia for the days of our youth when we reveled in our full physical and mental capacities and rejoiced as one strong enough to run a race. For some people, however, nostalgia verges on panic. An individual so affected may believe that the game is almost over, and he or she is convinced that from now on there is no way to go but down – or out!

Recognizing the reality of this phenomenon, the present author undertook a detailed and objective study of the situation. This study has resulted in the formulation of YOUNG'S LAW. THE LAW has many theoretical and practical applications for all who feel discouraged or dismayed by the apparent diminution of their physical and mental powers. An understanding of THE LAW will help those so affected to realize that the ball game is not almost over, but that there are still many interesting innings to play. Herewith, then, the basis of YOUNG'S LAW:

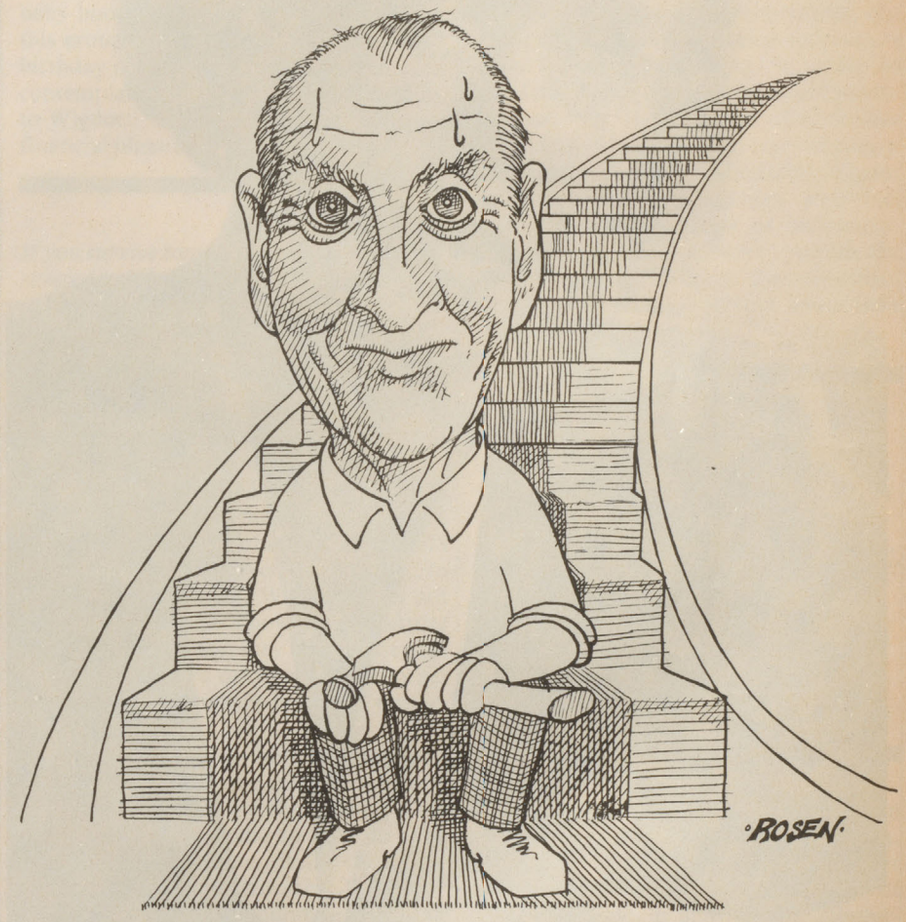
Observations leading to the formulation of THE LAW

Some of the phenomena that become apparent with the onset of geriatricism are the following:

1. Memory is less reliable both qualitatively and quantitatively.
2. Sedentaryism increasingly becomes a way of life.
3. Digital dexterity loses much of its efficiency, e.g., many senior citizens have difficulty writing with their toes.

Explication of these phenomena

A. **Hypothesis I:** All living things are born, grow, wither and/or decay and die. Geriatrics are in the wither and/or decay stage – giving evidence of Nature's Law of Diminishing Returns as an immutable fact of life. As the advertisement for Lucky Strike cigarettes used to proclaim: "Nature in the raw is seldom mild." In his essay on "English Hours," Henry James, when speaking about his "loneliness" in London in the 1860s, stated: "She (London) was as indifferent as Nature herself to the single life." And a further example of this harsh conception of Nature is Tennyson's: "Nature, red in tooth and claw."



David Rosen

B. **Hypothesis II:** Hypothesis II considers Nature's role as that of a kindly and helpful – although at times stern and demanding – parent or guardian. This is the Nature of Edward, Second Baron Thurlow, when he describes it thusly: "Nature is always wise in every part." And everyone is aware of Sir Edward Owen Seaman's opinion: "Nature knows a thing or two." The anthropomorphist would see this Nature as the friendly middle-aged lady of the Del Monte television advertisement who talks to the little creatures of the forest about her fruit salad and other delicious concoctions. This is the Nature of the well-known hymn: "Safe in the arms of Nature," and it is this conception of Nature upon which YOUNG'S LAW is based.

Explication of Hypothesis II leading to the formulation of THE LAW

The three phenomena listed above in "Observations" are not, repeat not, evidences of progressive physical and mental disintegration, but instead are positively interrelated. Apparently, the fundamental aim of this benevolent Nature is the preservation of the species – and if the species is to survive, so must the individual. The individual must move and be active; to be inactive leads to loss of bodily functions and hence to death. Nature, recognizing that all people tend to become less active (more lazy?) as they grow older, and knowing that this characteristic will lead to eventual death, and wishing to preserve the individual and also the species, has so arranged matters that concomitant with

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this increased tendency toward inactivity, there will be an increasing loss of memory. This loss tends to increase bodily activity and thus these two functions, as indicated earlier in this section, are mutually and positively interrelated.

Perhaps an example will illustrate this principle. One is helping with the dishes one day when one's wife suggests that one fix a curtain rod in an upstairs bedroom. One goes down to the basement to get the appropriate tools and then walks up two flights of stairs to the bedroom. Forgotten, however, is a small-headed hammer one needs to nail the rod holder to the window frame. Thereupon, one gets off the chair upon which one was standing and walks down the two flights of stairs to the basement. Upon arriving, one suddenly remembers that the basement geraniums have not been watered for several days, so one walks up the stairs to the kitchen to fill the watering can and then goes down the stairs to do the watering.

This interruption of the curtain-fixing sequence causes one to forget what one went to the basement for in the first place. So, up the two flights of stairs to put oneself in the original position in order to regain the sequence. Once again, one steps on the chair, forgets that one had left the large-headed hammer (the tool brought up in the first place) on the bed, gets off the chair, walks to the bed, picks up the hammer, remounts the chair and, the light suddenly flashing, exclaims: "Oh, Mercy Me! Now I remember what I forgot." Then down to the basement to collect the small-headed hammer and once more upstairs to the bedroom.

An analysis of this short drama reveals that one climbed up and down a total of thirteen flights of stairs as well as performed a modest variation of the Harvard Step Test. Can any rational person reject the obvious conclusion that loss of memory is a producer of physical activity and hence is a positive contributor to a long, healthy, and useful life?

Reference was made earlier to the appearance of diminished digital dexterity of the geriatric. This factor is also conducive to increased physical activity. It means that one tends to drop things, e.g., papers, pencils, books, pins, teeth, etc. This involves bending over to pick up the dropped papers, pencils, books, pins, teeth, etc. and hence one inadvertently practises the "bend and stretch" routine which, as any physical therapist knows, is good exercise.

Further examples of the phenomena described above are currently under investigation and the results will be published in due course. There is no doubt whatsoever that they will reinforce the basic truth of YOUNG'S LAW.

THE LAW

Obviously, it is virtually impossible to express in simple terms or in a single statement a truth as profound as that revealed in the preceding paragraphs. Einstein with his $E = mc^2$ was lucky, as were Archimedes, Newton, Boyle, Charles, and Murphy. Nevertheless, it is imperative that an attempt be made to express this truth in a clear and concise manner. Herewith, then, YOUNG'S LAW: IN A GERIATRIC SETTING, PHYSICAL WELL-BEING VARIES DIRECTLY WITH LOSS OF MEMORY AND DIMINISHED DIGITAL DEXTERITY.

Limitations of THE LAW

There is a period in the geriatric progression when the organism, as a result of extreme disintegration or lack of life-loving motivation, will no longer benefit from exercise. When fully researched and understood, this factor will appear as a corollary to THE LAW. Other corollaries will doubtless be added as investigations continue.

Former Professor of Educational Psychology and Associate Dean of Student Affairs John E. M. Young retired from the Faculty of Education in 1981. He now lives in Baie d'Urfé where, he says, he is glad to have the time to attend to the matters mentioned, as well as carry on with his hobbies of gardening and letter writing. □

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SOCIETY ACTIVITIES

by Gavin Ross,
Executive Director
of the Graduates' Society

It is fair to say that the Martlet House staff does not surrender to the dog days of summer. Over and above their biggest and best effort ever made to carry out intricate alumni weekend plans for Reunion '85, attempts to develop several new and some ongoing projects have also increased significantly. Many senior graduates in the Montreal area, for example, have heard of our McGill Alumni Too Can Help Project (MATCH). Announced several years ago, it has progressed during the past eighteen months to the point where it can finally be called a success.

MATCH prospers

Inspired by the University of Toronto's Alumni Talent Unlimited (ATU), a MATCH organizing committee chaired by Graduates' Society Past President Carlyle Johnston, BA'50, BCL'53, was formed. He has been assisted by McGill Society of Montreal President Ann Vroom, BA'67, current Graduates' Society President Ted Cleather, BA'51, Professor Lotte Marcus, MSW'55, DipSW'64, Claude Tetrault, BA'39, MA'40, BCL'49, and Alumni Relations Officer Gerry Ludwig. The MATCH objective is to provide volunteer services to certain areas of the university where operating funds are unavailable. Feeling this would appeal to graduates who had retired or were about to step down from their posts, the committee sent MATCH information to such alumni in the Montreal area.

Visits were made to selected university departments that, along with the graduates, responded by offering much encouragement. By this summer, more than forty alumni had been "matched" with twelve departments, and an operating committee co-chaired by Claude Tetrault and Helen Goodall, BA'50, DipEd'51, had been formed. Anyone in the Montreal area wishing more information about MATCH should call Gerry Ludwig at 392-4804.

Scarlet Key reception

Mention has been made in this column about the revival of the Scarlet Key and Red Wing Societies. Some years ago these two honor societies decided to consolidate efforts under the single name of the Scarlet Key Society. Plans are being made for a November cocktail reception to be followed by a full-scale reunion in the fall of '86 to celebrate their 60th anniversary. Reunion coordinators are Brigitte Ramaseder, BA'83, and a newly elected Graduates' Society director, Scott Keating, BSc'83. A newly designed red and white sweater is on order. Graduates wishing more information about it, as well as about the Scarlet Key/Red Wing Reunion, should contact Gerry Ludwig at Martlet House.

AVRA at work

During the past year, thanks to a generous gift from an anonymous graduate, the Alumni Volunteer Recruiters' Association (AVRA), was formed by the Information and Liaison Office. This led to an expansion of the Applicant Follow-Up Program in which thirteen of our branches have been enthusiastically involved for some years. Our graduate network is expanding across North America, not only to follow up on university applicants, but to recruit good, local high school students in order to maintain McGill's standards of excellence nationally and internationally. As Principal David Johnston so often observes during branch visits: it is heartening to see so many graduates who have benefited from their McGill experience give back something of themselves to the university. Alumni interested in participating in AVRA should either contact Adrienne Jones at 392-4842 or write to us at Martlet House.

Dawson Medal announced

At the annual meeting on 19 September, President Ted Cleather announced that the Graduates' Society will jointly sponsor, with the Royal Society of Canada, the Sir



Representatives and friends of Medicine '82 enlivened the summer Los Angeles branch soirée: (left to right) André Sanschagrin, Ellen McKey, Kimberly St. John, Christian Guier, Laura and Neal Rockowitz.

Gavin Ross



Joan Winser (second from right), hostess of the McGill Society of Southern California party, introduces Principal Johnston (left) to Mr. and Mrs. Sam Franklin, parents of TV actress Bonnie Franklin.



No, it's not a tainted tuna, but a sculpture at Ottawa's SAW Gallery. Local McGill presidents, new and old, David McRobie (left) and John Forsey (right) flank a visiting Scott Keating.

William Dawson Medal. To be awarded biennially, a silver medallion accompanied by $1,000 will serve to commemorate the versatile man who, founding the McGill Graduates' Society in 1857, went on to become the first president of the Royal Society in 1882. The foremost scientist and educator of his day – geologist, naturalist, man of religion, and educational administrator – Dawson built McGill University.

Among the branches

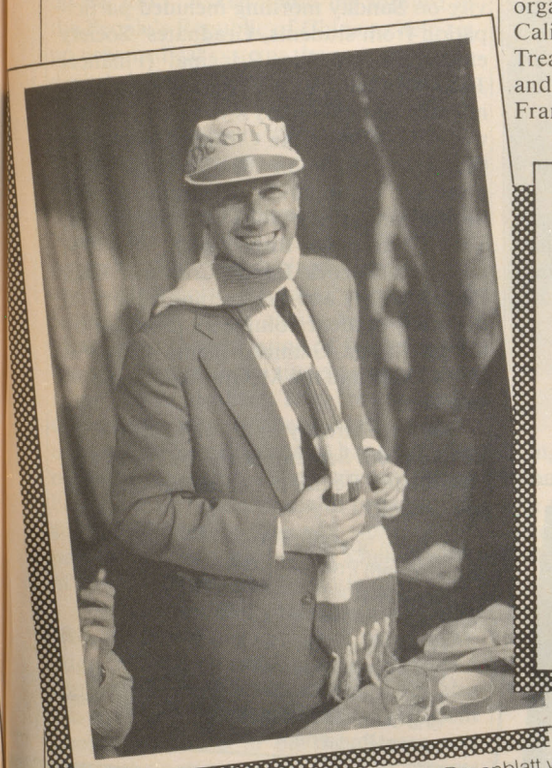
Branch activities tend to taper off during the summer months, but not this year with Ottawa, Washington/Baltimore, San Francisco or Los Angeles graduates. At its annual meeting in late June, the McGill Society of Ottawa elected David McRobie, BScArch'72, BArch'74, as its new president succeeding John Forsey, BEng'73. Third year Law student and former Vice-President (Finance) of the Students' Society Scott Keating was their guest of honor, who spoke about McGill from a student's perspective.

In mid-July, McGill Society of Washington/Baltimore President Rhoda Knaff, BA'52, MPS'54, hosted an enjoyable brunch at her Bethesda, Maryland home. A new slate of officers was proposed, and we are delighted that Rhoda has consented to stay on as president of this most important branch. A good turn-out of graduates and spouses thoroughly enjoyed Rhoda's delicious food and "Buck's Fizz" punch.

In mid-August, Principal Johnston visited branches in San Francisco and Los Angeles. The San Francisco reception organized by McGill Society of Northern California President John Baird, BCL'65, Treasurer Neri Guadagni, BA'38, MD'42, and their executive was held at the St. Francis Yacht Club thanks to the sponsorship of George Degnan, MD'39. More than 100 graduates and spouses turned out to greet the principal and to enjoy the beautiful setting.

A few days later, thanks to the efforts of Donna Sexsmith, MSW'55, Bennett Marcus, MD'49, and Jack Pekar, BEng'56, a reception organized by the McGill Society of Southern California was hosted by Canadian Consul General Mrs. Joan Winser and her husband Frank, BA'41, at their lovely Hancock Park home. As in San Francisco, the principal's theme was "McGill Today – Never Stronger." With a newly elected slate, Ed Boulter, BCom'39, became president of the McGill Society of Southern California, with Ken Jacques, MD'37, as vice-president. Donna Sexsmith remains as regional liaison officer and Jack Pekar is treasurer.

Our fall Branch Program is now in full swing, and we hope graduates will take advantage of the variety of activities being offered by the Graduates' Society in so many areas across North America and elsewhere.



After his Leacock Lecture, a smiling Roger Rosenblatt was wrapped in McGill regalia.





Harold Rosenberg



An Annual Dinner Meeting tradition – the awards. President Ted Cleather made presentations to Betty McNab, Keith Ham, and E. J. Gordon. (from top to bottom).

Reunion '85

While final attendance figures for Reunion '85 are not available at the time of writing, there is no doubt that this was the best attended Reunion ever. Five new events were added to the program and 110 individual classes gathered for Reunion parties – up 25 percent over last year.

At the opening reception and awards dinner, Award of Merit (Gold Medallist) Don MacSween, BA'56, BCL'61, treated one and all to a most amusing acceptance speech. Also honored that evening were Margaret Legge, BA'51, Ross Hill, BSc'46, MD'48, DipMed'60, Keith Ham, BA'54, BCL'59, Arlene Gaunt, BSc'53, Elsie Jean Gordon, Lorraine Seymour, and Scott Keating. President Ted Cleather presented a special award to Betty McNab, BA'41, who retired as Director of Development after forty years of service to the Graduates' Society and Development Office. Betty was cited by honors and awards Chairman and McGill Governor John Hallward, BA'50, who expressed the Society's appreciation "for her long and faithful service to us all."

The next day, for the Sixteenth Annual Leacock Luncheon, a sellout crowd of 730 graduates, spouses and friends filled the Grand Salon of the Queen Elizabeth Hotel to hear guest lecturer Roger Rosenblatt, senior writer and essayist for *Time* magazine. In top form, moderator Don MacSween was a tough act to follow, but our guest from New York acquitted himself admirably, combining gentle humor with a brief but serious message.

Attendance continued at a record pace throughout Friday. The Medical Classes of 1945 and 1960 presented anniversary gifts, each in excess of $100,000, to the Dean of Medicine; the Deans' Reception, the President's Reception for the Class of '60, the Principal's Dinner for the Class of '35 and the Chancellor's Dinner for the Casses of '30, '25, '20, and '15 were all well attended. Following the Class of '35 Dinner and the traditional singing of the first verse of *Hail, Alma Mater,* one member proudly showed off his two-line addition to this enduring university song:

As sadly we find we are over the hill
We hope you remember us well in your will.

The last official event on Friday night was a new one – Pub Nite in the Alley, McGill's new student pub. Appropriate music was provided by Class of '84 graduates Ron Harris and Lora Serio, and graduates of all ages gathered for British beer and Ben's smoked meat sandwiches.

Saturday continued bright and sunny, while Friday's survivors gathered at Bishop Mountain Hall for the traditional Brown Bag Brunch. Graduates from both universities mingled as McGill Principal David Johnston hosted Bishop's Principal Chris Nicholl. The only negative note of the weekend occurred Saturday afternoon when our Redmen lost to Bishop's 24-11.

Lectures given by Professor Bob Vogel of the department of history and Dr. William Feindel, director of the Montreal Neurological Institute Brain Imaging Centre, were well attended, as was the concert provided by a string trio from McGill's Faculty of Music.

The Interdenominational Chapel Service on Sunday morning included participation from students, Graduates' Society executives and Vice-Principal (Finance) John Armour who delivered an extremely moving homily. Gibby's in Old Montreal was sold out for the Closing Lunch and thus ended Reunion '85. Special thanks must go to Reunion Chairman Frank McMahon, BSc(Arch)'70, BArch'72, Vice-Chairman Bob Faith, BA'53, DDS'58, Leacock Lunch Convener Gael Plant, BA'61, and her committee and to the many student volunteers provided by Kappa Kappa Gamma, Sigma Chi, Phi Delta Theta and the McGill Redmen Football Team.

Plans are already underway for McGill Reunion '86, September 18, 19, 20, 21 and Macdonald Reunion September 27. See you there!□



At last a quiet moment for Reunion '85 Chairman Frank McMahon, BSc'70, BArch'72, as he chatted outside Gibby's with his wife, Cindy, BA(DipEd)'72.



Hazel (Clogg) Sparling, BA'35, and Helen (Stewart) Prescott, BA'35, (right) were all smiles at the Principal's Dinner at the Ritz Carlton Hotel.



Mr and Mrs. Eugene Cox enjoyed the Closing Luncheon with their daughter Paula Ann, BA'80. Mr. Cox, BEng'60, is one of four McGill graduates who are Members of Parliament for Bermuda.



Mark Lachovsky

There was good grub and old school spirit a-plenty at Saturday's Brunch.

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FOCUS

Frederick Lowy



Mark Sawyer

As dean of the Faculty of Medicine at the University of Toronto, Dr. Frederick Lowy, BA'55, MD'59, is in charge of Canada's largest school of medicine, responsible for some 3,000 faculty and for 1,000 undergraduates and 1,700 post-graduate students. Asked about this post taken on five years ago, he responds: "I simply do my job." Asked about his sojourn in the People's Republic of China to help set up new medical systems, he says: "No big deal." Asked about his work evaluating training programs for interns in Saudi Arabia, he answers: "That wasn't really anything." Lowy is a sublimely modest man.

In his office off Bloor Street, the wall behind his desk is covered with formal portraits of his venerable and prepossessing predecessors. At ease, unposed, he lounges back in his chair, discussing his ideas about the educating of future physicians: "Our medical students come into school full of idealism. They are not drawn to medicine primarily because it's a lucrative profession, or because it has a low rate of unemployment. They are attracted because it's a profession with prestige and status and because they like working for people. So they come in with a hell of a lot of ideals and prepared for a life of service.

"Somewhere along the line, they're hit with a tremendous barrage of new knowledge, of facts, and have to provide a tremendous amount of service. They also see their role models: expedient, efficient people who zero in on the disease and forget the patient. They begin to process patients instead of treating them as individuals.

"With all the things you have to think about in medical school," he adds, "there's a tremendous temptation to deal with what's up front, rather than what's underlying the problem. The year that I did general practice near Montreal, I spent a great deal of time trying to understand why people had particular complaints. A lot of my patients were wives of husbands who were working. And a lot of their complaints were really keys of admission to an office where they would have a chance to talk to somebody about what was *really* bothering them – psychological and social issues along with their medical problems. As I enjoyed this, I thought I'd learn how to do it properly and decided to go into psychiatry.

"Well, now you don't have to be a psychiatrist to pay attention to these things. You can be a good internist, surgeon or ophthalmologist. In addition to the technical things, the healing part of medicine is what I'd like to encourage. The influence of the mind on the central nervous system, which effects our whole physical state, is well acknowledged. In our society physicians are mandated as *healers,* not just as technical people, button pushers, or purveyors of drugs.

"We are now in the middle of a biological revolution. We have to produce competent specialists who are primary health care givers. They have to be aware of – and deal with – the problems in terms of the whole person. I don't think there's any distinction between human excellence and scientific excellence."

When asked about his own education, Lowy says: "McGill gave me standards. Its standards of scholarship are *very* high. A university is an institution not only for transmitting knowledge but also for creating knowledge in a spirit of inquiry. This spirit of inquiry is transmitted by the doing of research and has a tremendously beneficial effect on teaching and patient care. The graduates exported by McGill carry that appreciation of academic responsibility. If you ask what I've brought here from McGill, I think it's the continuation of that unbroken line of role models. I would like to be a role model. I would like to be excellent. I want to have the best program around.

"McGill has been the dominant force in Canadian medicine," Lowy adds. "It has provided more leadership in academic medicine – in terms of deans, chairmen of departments – than any other Canadian institution. Our graduates would like to pick up from McGill some of that mantle of leadership. Since the University of Toronto graduates about 40 percent of Ontario's doctors and about 16 percent of Canada's doctors, the skills our students take with them will have a significant impact on the medical services of this country. We hope our graduates will combine their medical, technical skills with a real spirit of humanism."

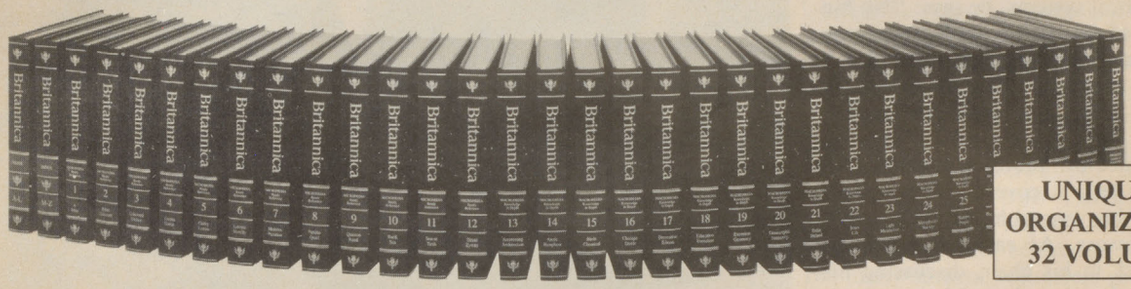
No wonder, then, that Lowy's interests have led him into fields where body and spirit are studied together. As founding director of the Sleep and Dream Laboratory at the Allan Memorial Institute from 1967 to 1970, he organized the first Canadian International Symposium on Sleep in 1972. Some of his latest work deals with anorexia nervosa as a paradigm for mind-body interdependence. And he still practises psychiatry when he can. His spare time? That's taken up with reading, walking, and skiing.

"All of us deans just carry on," he says, ending with characteristic modesty.□ *John Geeza*

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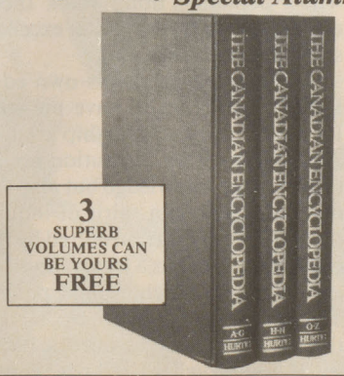
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FOCUS

Pedro Chamorro



Vivian Kellner

Virulent politics can be one of the most divisive of all human activities. Pedro Joaquin Chamorro Barrios, BA'74, son and namesake of the Nicaraguan newspaperman who was assassinated in 1978 by gunmen supposedly linked to General Somoza, knows this only too well.

Chamorro Jr. is the editor of the Managua-based daily newspaper, *La Prensa,* a pugnacious, family-owned publication with a long history of government opposition that has taken to task both the rightist Somoza dynasty as well as the recently instated, leftist Sandinista regime. In December 1984, when the thirty-year-old Chamorro went into self-imposed exile in Costa Rica to protest Sandinista censorship of the Nicaraguan press, he invoked his father's memory and said: "I cannot tolerate this situation anymore, and until there is a genuine change of direction toward respect for the right to dissent and toward freedom of the press, I shall not return to Nicaragua."

Spending his time traveling, writing and delivering speeches, Chamorro has suffered not only exile, but the tensions generated by the leftward swing of the Sandinista movement that have torn apart his family: "Oh yes, my family has been split by the revolution. My sister is a counselor for the Nicaraguan embassy in Cuba. My brother Carlos, BA'77, is director of propaganda and political agitation for the Sandinistas and editor of *Barricada,* their official revolutionary newspaper. And my mother was a member of the provisional junta which, at least in name, took over power at the beginning of the present regime. Yet in fact, all power came from the National Directorate," says Chamorro, whose mother now opposes the government.

Violeta Barrios de Chamorro resigned from the junta on 19 April 1980. The following day, she supported her son's efforts to have his uncle Xavier ousted as editor of *La Prensa,* the newspaper with the largest circulation in Nicaragua. This family clash subsided when Xavier took 25 percent of the company's share capital and founded the pro-government *Nuevo Diario.*

Chamorro, who recently visited Montreal, states that in the beginning he, too, favored the revolution: "Never feeling a part of the Sandinista party, I did support the revolution because Somoza was a dictator who had to be overthrown. And although I didn't have a large part in it, I was happy when the Sandinistas took power."

Chamorro began to have doubts soon after the installation of the new Sandinista government in 1980. From the beginning the Commandantes didn't speak about peace: "They didn't talk of national reconciliation or national reconstruction. They prognosticated more chaos and war. Saying that we had just won a war against the United States, they stressed that there was to be a further war against the U.S. This is becoming a self-fulfilling prophecy," he adds. "At that time the U.S. was not an enemy of the Sandinistas. They were giving a lot of aid to the country."

When questioned about this apparently pro-American position, Chamorro becomes rather defensive: "The reason I came to study in Canada is not that I am so pro-American but that I held certain democratic values long before the revolution that I continue to hold to this day. If these beliefs coincide with U.S. foreign policy, it is none of my business.

"The problems of Central America must be solved by Central Americans. There is much talk of a future invasion of Nicaragua. But there has already been an invasion of Nicaragua – not by Americans but by advisors from Eastern Block countries, by Cubans who are directing military operations in my country. Nobody seems to give a damn about that.

"I want to make it clear that I don't want a U.S. invasion. But I am supportive of U.S. aid to the Contras, who are striving to free the country of the communists, the Russians, and the Cubans."

The most intolerable invaders are those Chamorro calls the "Internationalists": "These are the frustrated communists who have failed to make a revolution in their own countries. Coming to my country, they treat it as though it was an experimental laboratory. They implement all the things they couldn't do at home. I hate that." He adds with a touch of bitterness that these "Internationalists" are living in houses confiscated from Nicaraguans who have worked long and hard to buy them.

Is there hope for peace in Nicaragua and Central America? Chamorro thinks that peace in the near future is hopeless: "In fact, I think if there is going to be a major conflict, it could lead to a full-scale invasion by the U.S. or even Cuba. If you project what is happening now into the future, you will see a tendency toward more and more conflict. The guerrilla activity has increased despite the U.S. cut in funding."

Many observers, including some Canadians, have returned from Nicaragua to report that the peasants are now benefiting from improved educational opportunities and from recent land reforms. Chamorro dismisses this: "There has been an increase in indoctrination, and not in what we know as education." Pointing out that classes are often curtailed and students forced to go and pick cotton, he continues, "That is how they pass from one grade to the next. If they don't pick cotton or coffee, they are not allowed to matriculate into the next grade. One reason for this is that the many people under arms have reduced the size of the labor force."

The future of his country, concludes Chamorro, is in the hands of Daniel Ortega, the leader of the ruling junta. He must decide whether the political turmoil of Nicaragua is to continue and for how long.□ *Simon Twiston Davies*

Alumni Travel 1986

Tour 1
Cruise with Royal Viking Lines May 15-30. Depart Montreal to London, overnight and depart Southampton aboard "Royal Viking Sea". Enjoy a luxurious cruise to Edinburgh, the Norwegian Fiords including Bergen, the Isle of Man and Dublin. Two nights in London, cocktail reception with U.K. graduates. Prices starting from approximately $3,774 Canadian. Tour Hosts – Mr. & Mrs. D. Lorne Gales.

Tour 2
Volga River Cruise with Salen Lindblad June 16 – July 5. Depart Montreal – Moscow, Tbilisi, Rostov-On-Don, Volgograd, Devushin, Zhiguli, Ulyanovsk, Kazan, Leningrad and Helsinki. Cruising aboard M.S. Maxim Gorki, built in 1978. Prices starting from approximately $3,950 Canadian. Tour Leader – Dr. Stanley Frost.

Tour 3
Ireland With A Difference – The Kinsale Gourmet Festival. September 25 – October 10. Galway, Ashford Castle, Dublin (Killiney Castle), Kinsale, Kerry, Bunratty and London. A leisurely trip through Ireland with four days in Kinsale, West Cork, participating in a unique food festival plus other surprises. Price approximately $2,150 Canadian. Tour Host – Gavin Ross.

Tour 4
China – including a Yangtse River Cruise October 12 – November 6. Guangzhou, Guilin, Wuhan, Yangtse River Cruise, Chongqing, Xian, Beijing, Shanghai. The Yangtse River Cruise aboard the M.V. "EMEI" will include fascinating shore excursions to Shibaozhai, Yichang, Chenglingji and Shashi. Price $4,500 Canadian. Tour Leader – Dr. Stanley Frost. Tour Escort – Mrs. Vivian Lieu.

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WHERE THEY ARE AND WHAT THEY'RE DOING

'30
ALEXANDER BROTT, BMus'30, DMus'80, last spring conducted a Bach-Handel-Scarlatti CBC concert with the McGill Chamber Orchestra at Christ Church Cathedral, for which he orchestrated a violin work. This summer, he directed a symphony series at Fort Frederick, Ont.

'36
ANNE (BYERS) FERGUSSON, BA'33, BLS'36, of Vankleek Hill, Ont., has published a second novel, *The Green Velvet Elephant.*

'37
DR. EILEEN (CRUTCHLOW) BLOOMINGDALE, BA'37, became a fellow of the American College of Forensic Psychology this spring.

'42
DR. ARTHUR RALPH, BSc'42, former chairman of Laboratoires Wellcome (The Wellcome Foundation Ltd.) has retired to Beaconsfield, Que., leaving his post in Monaco.

'45
DR. FRED LANDIS, BEng'45, mechanical engineering professor at the University of Wisconsin-Milwaukee, has been named vice-president of professional development of the American Society of Mechanical Engineers.
BLANCHE LEMCO VAN GINKEL, BArch'45, was recently elected vice-president of the Association of Collegiate Schools of Architecture.
C. DEANE KENT, BLS'45, of Gloucester, Ont., recently published *The Cone Family in Canada,* of special interest to Churches and Cones who have an Ottawa Valley ancestor.

'46
PAT WHEATLEY WANKLYN, BA'46, has had *A Hinge of Spring* accepted for publication by Fiddlehead Poetry Books/ Goose Lane Editions.

'48
LEON DAVICHO, BA'48, of Messery, France, is retiring as United Nations High Commissioner for Refugees and recently led McGill classmates on a tour of his native Yugoslavia.
THOMAS GATCLIFFE, BSc'48, heads the Caribbean Chamber of Commerce.
DR. DAVID QUAMINA, BA'48, dermatologist, and administrator of the Port of Spain General Hospital, was recently honoured by the Trinidad and Tobago Government and Medical Association.

'49
ARTHUR BRUNEAU, BA'47, BCL'49, chief legal officer of Alcan Aluminium Ltd., recently became senior vice-president.
BAIRD DAVIS, BCom'49, has been named vice-president and general manager, building materials distribution, at Weldwood of Canada Ltd., Vancouver, B.C.
SAMUEL GHOURALAL, MD'49, first neurosurgeon in the British Caribbean and founder of the Port of Spain General Hospital neurosurgery department, was honoured by Trinidad and Tobago physicians this March on his retirement.

'51
ROSA SUSSMAN FINESTONE, BA'51, DipEd'52, principal of Solomon Schechter Academy in Montreal, was honoured at "A Decade of Women's Achievements" gathering by Women's Division, State of Israel Bonds.
TREVOR PILLEY, BSc'51, recently became managing director of the Bank of Nova Scotia Trust Co. (Bahamas) Ltd. and is living in Nassau.

'52
DR. GERALD LITZFY, BSc'52, has been appointed chief of urology at Englewood Hospital, Englewood, N.J..
J.-MAURICE TREMBLAY, BCom'52, was appointed a vice-president of Janin Construction (1983) Ltd. a few months ago.

'53
JOHN L. LIBERMAN, BSc'48, MSc'50, BCL'53, has been appointed forensic consultant to the medical journal *Diagnosis.*
YVES MAHEU, BEng'53, recently became vice-president, engineering, at Provigo Inc.

'54
JAMES McCULLY, BSc'54, was recently invested as a fellow in the Society of Fire Protection Engineers.
WILFRED PALMER, BSc'52, MD'54, DipMed'59, has joined the staff of Toronto General Hospital as chairman, department of family and community medicine.
DR. C. PETER SLATER, BA'54, of the Toronto School of Theology and Graduate Faculty, Centre for Religious Studies, University of Toronto, was appointed dean of divinity of Trinity College, Toronto, Ont., in July.

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'55

HELEN (ROSS) KAHN, BA'55, MA'76, a Montreal rare book dealer, has been elected president of the Antiquarian Booksellers' Association of Canada.

JOSIE (INGELRELST) KATZ, BCom'55, has been installed as president of the McGill Alumnae Society. She also became Town Clerk of the Town of Mount Royal, Que., this spring.

'56

DOREEN KIMURA, BA'56, MA'57, PhD'61, a professor at the University of Western Ontario, London, received the 1985 award of the Canadian Psychological Association for contributing to psychology as a science.

PETER TARASSOFF, BEng'56, recently became the first Canadian to preside over the Metallurgical Society of the American Institute of Mining, Metallurgical and Petroleum Engineers.

'57

BERNARD GARCEAU, BEng'57, was recently named a vice-president of Janin Construction (1983) Ltd.

'58

MICHAEL PAIDOUSSIS, BEng'58, chairman of the department of mechanical engineering at McGill University, has been elected fellow of the American Society of Mechanical Engineers.

'59

JOHN BRIERLEY, BCL'59, professor of law, McGill, received an honorary LLD from the Dickinson School of Law, Carlisle, Pa., and delivered the annual Horace Read Memorial Lecture at Dalhousie University, Halifax, N.S., this summer.

EVA P. LESTER, DipPsych'59, has just become the first woman to preside over the Canadian Psychoanalytic Society.

SHIRLEY (NADELL) PACKER, BCom'59, is in-coming principal of Trafalgar School for Girls, leaving Bialik High School in Côte St. Luc, Que.

JAMES PROUDFOOT, BEng'59, recently joined The Cementation Co. (Can.) Ltd., Brampton, Ont., as manager, mine contracting.

IRINA (PERLIS) TORREY, BA'59, an urban planner in New York City, has been named director of business development for Beyer Blinder Belle.

'60

J. KEITH DRYSDALE, BSc'60, MBA'65, of North American Philips Corp., Knoxville, Tenn., is now vice-president of strategic planning.

DEBORAH EIBEL, BA'60, has had a second book of poems, *Streets Too Narrow For Parades,* published by Sono Nis Press.

RICHARD LAPLANTE, BCom'60, recently was appointed "directeur, fonds de développement" at the Université de Montréal.

HENRY STEINBERG, BA'57, BCL'60, has been named a judge of the Quebec Superior Court.

'61

L. DAVID CAPLAN, BCom'61, is now chief executive officer, as well as president, of Pratt & Whitney Canada.

'62

DEREK DRUMMOND, BArch'62, professor at the school of architecture, recently rejoined Sankey Partnership Architects as a corporate client consultant.

WENDELL LAIDLEY, BEng'62, has been appointed president of Isomedix Inc., Whippany, N.J., operators of gamma irradiators for food and medical instrument sterilization.

JOHN LUARD, BA'62, was named president of Opico Inc., exporters of farm equipment, with headquarters in Mobile, Al.

'63

SHIBLY ABELA, BEng'63, a former Canadian Navy officer, was recently appointed vice-president, engineering and programs, of Thomson-CSF Systems Canada Inc. which manages defence and aerospace systems.

'64

MARILYN (COHEN) SCHACTMAN, BCom'64, received a MSc in Nursing from the University of Miami, Florida, this spring.

JOHN SICHEL, BSc'64, PhD'68, has been made full professor of chemistry at the Université de Moncton, New Brunswick.

'66

STEPHEN PHILIP COHEN, BA'66, is currently director of the Institute for Middle East Peace and Development of the City University of New York graduate center.

G. RICHARD THOMAN, BA'66, has become president, international division, of American Express Travel Related Services Co. Inc.

'67

PROF. DALE EICKELMAN, MA'67, New York University professor of anthropology, has published a book, *Knowledge and Power in Morocco.*

'68

KEN WIGHTMAN, BCom'68, is the new vice-president and controller of Zellers Inc., and a McGill class agent.

'69

RON DRENNAN, BCom'69, recently became a partner at Massey & Charbonneau Inc. Also known as AMROP International, they conduct searches for senior management staff.



VICTOR STEFANOVIC, MEng'69, PhD'75, is vice-president and general manager, electronic systems, at Electro-Craft Corp., Minneapolis, Minn., makers of motion control systems for industry.

'70

ZALMEN ARLIN, BSc'68, MD'70, is professor of medicine and chief of the division of neoplastic diseases at New York Medical College, Valhalla, N.Y..

GEOFFREY GOSS, BEng'70, was recently made vice-president of sales and marketing for Northern Telecom's interexchange carrier division in Richardson, Tex.

MARLENE KALIN HAJDU, BSc'70, is a practising veterinarian in Côte St. Luc, Que.

MARGARET HUBER, BA'70, has been posted by the Department of External Affairs to Brussels as commercial counsellor for the Canadian Mission to the European Economic Community.

JEANNE MARSOLAIS, BA'70, MA'72, has been named assistant director, chancellery of Canadian orders and decorations, at Government House, Ottawa.

MARY MARTIN, BSc'70, physiotherapist, is serving a second assignment in Nepal as a volunteer with the Dooley Foundation/Intermed-USA, Inc.

'71

JUDITH BELZER, BSW'71, has a private practice in psychotherapy in St. Paul, Minn.

MICHAEL HUMPHRIES, BEng'71, has been named superintendent, purchasing and warehousing, of Kidd Creek Ltd., Timmins, Ont.

PETER B. SHIZGAL, BA'71, professor of physiological psychology at Concordia University, Montreal, has received the John W. O'Brien tenth anniversary distinguished teaching award.

'72

MARIA CALDERISI BRYCE, BMus'72, MMA'76, music librarian at the National Library of Canada, has received an anniversary library science alumni award from the University of Michigan.

MARGARET QUINLAN, BA'72, is working as communications director for the Boston Bar Association.

HERB BORSUK, DDS'72, is the recently elected president of the Alpha Omega Mount Royal Dental Society.

SUSAN FEINGLOS, BA'70, MLS'72, coordinator of online services at Duke University Medical Center Library, Durham, N.C., has published *MEDLINE: A Basic Guide to Searching.*

'73

JANETTE DOUPE, MEd'73, has become headmistress of Havergal College, Toronto.

MICHAEL HABIB, BEng'69, MD'73, practises at the Tucson VA Medical Centre and teaches pulmonary medicine at the University of Tucson, Ariz.

'74

PROF. REED WAY DASENBROCK, BA'74, of New Mexico State University, published a book this spring: *The Literary Vorticism of Ezra Pound and Wyndham Lewis; Towards the Condition of Painting.*

DIONIGI FIORITA, BCL'74, DipAir&SpaceLaw'75, legal counsel to Transport Canada, has been named to represent Canada on the council of the International Civil Aviation Organization.

GARY L. WISEMAN, BSc'71, BCL'74, LLB'75, has joined the Toronto law firm of Lang, Michener, Cranston, Farquharson & Wright as a partner.

'75

RON FREIMAN, BEng'75, MBA'77, DipPubAc'79, has become a partner in the chartered accountancy of Zittrer, Siblin, Stein,Levine.

GHISLAINE LEMAY, BA'75, was recently named coordinator, training and development, at Sun Life of Canada in Montreal.

JULI MORROW, BCL'75, LLB'76, has been appointed a partner in the legal firm of Goodman & Goodman, Toronto, Ont.

'76

CARL deLOTTINVILLE, BSW'76, has been named assistant director, Department of Social Work, at St. Joseph's Hospital in Hamilton, Ont.

DR. MORRY GHINGOLD, BCom'76, MBA'78, is teaching industrial marketing at the University of Cincinnati.

NINA PERITZ, BA'76, MA'83, is producer and co-host of a daily public affairs show on FM96 CJFM, "Hour Montreal Magazine."

SIANG-YANG TAN, BA'76, PhD'80, recently became assistant professor and director of practicum training at the Graduate School of Psychology, Fuller Theological Seminary, Pasadena, Ca.

'78

JOCELYN GAGNE, MBA'78, has been named national recycling manager for Alcan Canada Products Ltd., business development division.

RON GROSSMAN, BSW'78, is social work consultant at the Cornwall General Hospital's Child and Adolescent Outpatient Program.

TIMOTHY McCONNELL, BA'78, was recently appointed manager, training and compensation, Reed Stenhouse Ltd., Toronto, Ont.

SALLY WEARY, BA'78, MBA'80, is assistant professor of business at St. Michael's College, Winooski, Vt., and chairs the master of science in administration program.

'79

DR. KAIE OJAMAA, BSc'75, MSc(Agr)'79, recently went to the National Institutes of Health, diabetes branch, in Bethesda, Md., as a Fogarty Fellow.

ROUPEN BERBERIAN, BCom'79, DipPubAc'80, of Los Angeles, Ca., has been named audit manager at Price Waterhouse in that city.

'80

HENRY MANUEL KRAUSE, BSc'80, who is employed in the department of biochemistry, University of Alabama at Birmingham, recently won a graduate student research competition prize.

'81

LEAH ROSENFIELD, BA'81, is director of membership and grants for the Boston Bar Association and a board member of the Combined Jewish Philanthropies of Greater Boston.

'82

CARMELINA CIMAGLIA, BSW'82, recently joined the staff of the Montreal Association for the Blind.

PHILIP STERN, BCom'82, was recently appointed president and chief executive officer of Pacific Microcircuits Ltd., of White Rock, B.C.

STEVEN STINSON, LLM'82, who specializes in air and space law, recently opened an office in West Palm Beach, Fla.

'83

STEFAN WISNIOWSKI, BSc(Arch)'82, BArch'83, is working with Hierlihy-Thériault Architects in Ottawa, Ont., and with several professional groups such as the Canadian Standards Association technical committee on computer aided drafting.

'84

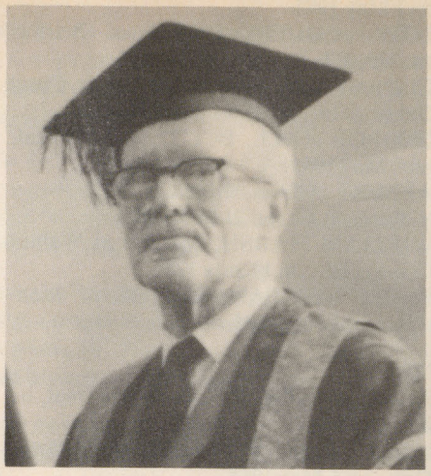
RAMONA MATERI, BA'84, is to spend this school year at the Institut universitaire d'études du développement in Switzerland, as a Rotary Foundation international scholar.

ELIZABETH RUSSELL-SENIOR, BSW'84, is a field instructor at the McGill-Montreal Children's Hospital Learning Centre and works part-time at the Jewish General Hospital. □

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OBITUARY

Donald Olding Hebb 1904 – 1985



A modern pioneer in the field of neuropsychology and McGill chancellor from 1970 to 1974, Dr. Donald Olding Hebb, MA'32, DSc'75(hon), died on 20 August 1985 at Halifax, N.S.

Hebb entered McGill as a graduate student after serving as a teacher and principal in public schools in Verdun, Quebec. He received his PhD from Harvard University in 1936 where he worked as an instructor and studied with psychologist Karl Lashley. A Queen's University lecturer from 1939 to 1941, Hebb spent 1937-39 at the fledgling Montreal Neurological Institute with Dr. Wilder Penfield, DSc'60(hon), and rejoined Lashley at the Yerkes Laboratories of Primate Biology in Orange Park, Fla. in 1942. Here he observed chimpanzee friendships to conclude, against the theories of much nineteenth and twentieth century philosophy, that certain of the higher primates, including man, were capable of unselfishly motivated acts.

Returning to McGill in 1947, Hebb taught in the psychology department as professor until 1971, and as recently as last year in post-retirement. He was chairman of the department from 1948 to 1958. An active member of Senate, he was also vice-dean of division, biological sciences, of the Faculty of Arts and Sciences in 1965 and 1966 before becoming McGill's chancellor in 1970.

A world-renowned scholar and researcher who merged the fields of neurophysiology and psychology, Hebb authored *The Organization of Behavior,* a classic monograph published in 1949, that described, in neural terms, mental processes such as perception, learning, and thinking. Nine years later *A Textbook of Psychology* quickly became a standard text, and enrollment in his introductory course was to swell to 1,500 students. Five years ago *Essay on Mind* appeared, written in Chester Basin, N.S., while Hebb was an active, honorary member of the psychology department of Dalhousie University – his alma mater.

A fiercely independent thinker, Hebb received honorary degrees from sixteen universities, was a McGill professor emeritus and honorary doctor of science, and a fellow of the Royal Society of Canada, the Royal Society of London and the American Academy of Arts and Sciences. He also served as president of the Canadian Psychological Association in 1952 and of the American Psychological Association in 1960.

During his productive career, he chaired the boards of the scientific counselors of the National Institute of Mental Health from 1965 to 1969 and of the associate committee on experimental psychology of the National Research Council (NRC) of Canada from 1956 to 1962. A colleague, Dr. Peter Milner, MSc'54, PhD'60, recalls that Hebb "persuaded the NRC that psychology was a genuine experimental science that deserved generous support."

History of McGill Project Director Dr. Stanley B. Frost, who was a dean and vice-principal during Hebb's years at McGill, also remembers how this most original scientist and teacher distinguished himself as a university chancellor:

Donald Hebb was elected at a time of difficulty and unrest in universities throughout North America. There was an urgent need to restore confidence among students, academic staff and alumni. Hebb had been closely involved in university affairs, and his independence of mind and commitment to academic ideals was beyond question. His stature as a scientist confirmed the dignity of his office and proved a strong rational influence as new patterns of governance and new relationships were developed within the academic community. His major achievement was to weld together the heterogeneous committee that named Dr. Robert Bell, another respected McGill scientist, to be principal. That a sense of common purpose returned to campus was in great measure due to Donald Olding Hebb.

Hebb is survived by a brother, Andrew, of Marriott's Cove, N.S., two daughters, Jane Nichols Paul, of York, Pa., and Mary Ellen Fowley, of St. Catharines, Ont., and four stepchildren. Plans are presently in progress and support is being sought from former colleagues, staff, students, and friends for the establishment and endowment of a suitable memorial tribute at McGill University to Dr. Hebb.□

DEATHS

'14
KEITH NOTMAN, BSc'14, at Montreal, on 21 June 1985.

'15
REBECCA (FRANKLIN) KIRMAYER, DipEd'15, at Montreal, on 26 April 1985.

'16
GLADYS McCAW, BA'16, at Montreal, on 16 July 1985.

'20
WILLIAM ANTLIFF, BCom'20, of Willowdale, Ont., on 26 May 1985.
REV. NORMAN PETERSON, BA'20, at Rawdon, Que., on 12 May 1984.

'21
MARGARET DEERY, BA'21, at Montreal, on 6 June 1985.
JUDAH WIENER, DDS'21, at Montreal, on 31 May 1985.

'22
HAROLD GRIFFITH, BA'14, MD'22, at Montreal, on 7 May 1985.

'23
BERTRAND TYRRELL DENIS, BSc'23, PhD'38, at Quebec, on 15 July 1985.
EDNA MAY PALMER, BA'23, at Victoria, B.C., on 24 April 1985.
A. LAURENCE PARLOW, MD'23, at Rochester, N.Y., on 20 March 1985.
RONALD RAINNIE, BSc'23, at Cleveland, Ohio, on 9 May 1985.

'24
RUSSELL KEDDY, MD'24, of Stamford, Conn., on 23 Jan. 1985.
COLIN WEBSTER, BA'24, McGill emeritus governor, at Montreal, on 9 August 1985.

'25
REV. EARL EDDY, BA'25, at Mississauga, Ont., on 24 April 1985.
LEONARD LAZERTE, MD'25, of Clearwater, Fla., on 27 Nov. 1984.
JEAN (McCRIMMON) REEVES, BHS'25, at Burlington, Ont., on 14 May 1985.
HUGH GORDON ROSS, BSc'25, at Ottawa, Ont., on 6 June 1985.
LEO TIMMINS, BSc'25, at Montreal, on 3 May 1985.

'26
CHARLES HEWSON, BA'26, at Montreal, on 9 July 1985.
AARON METTARLIN, BA'23, BCL'26, of Montreal, on 13 July 1985.

'27
CHARLES COLEMAN, BSc'27, MSc'28, of North Hatley, Que., on 26 April 1985.

RICHARD RAY, BA'27, at Ottawa, Ont., on 24 April 1985.

'28
HAZEN HANSARD, BA'26, BCL'28, at Montreal, on 30 April 1985.
DONALD RHODES, BSc'28, at Oakville, Ont., on 19 May 1985.

'29
EVELYN (BERLIND) MILLER, BA'29, of New York, N.Y., on 15 June 1985.

'30
JOSEPH EVANS, MSc'30, PhD'37, at Kensington, Md., on 8 May 1985.
STUART KROHN, MD'30, of Utica, N.Y., on 2 Nov. 1984.
FRANCIS LLOYD, BA'30, at Carmel, Cal., on 2 Oct. 1983.
VAUGHN LOGAN, BSA'30, MSc'39, of Ottawa, Ont., on 9 Feb. 1985.
FREDERICK McLEOD, BSA'30, at Saint John, N.B., on 3 June 1985.
JOSEPH RUBINSTEIN, BA'26, MD'30, of New York, N.Y., on 15 June 1985.
JOHN SPRING, MD'30, of Nashua, N.H., on 10 April 1983.

'31
MAX ERLICH, DDS'31, of Montreal, on 2 June 1985.

'32
ESTELLA (DAY) CAUGHEY, DipPhyEd'32, of St. Andrews, N.B., on 11 June 1984.
DR. DONALD HEBB, MA'32, DSc'75, former psychology professor and McGill university chancellor, at Halifax, N.S., on 20 August 1985.
DR. DAVID LLOYD, BSc'32, of Carmel Valley, Cal., on 20 April 1985.

'34
RALPH RONDEAU, DDS'34, of Dorval, Que., on 27 June 1985.

'35
G. H. ARGUE, PhD'35, of Corpus Christi, Tex., on 4 April 1985.
WILLIAM EVENS, BCom'35, of Pointe Claire, Que., on 6 July 1985.
CARL JOEDICKE, BCom'35, at St. Jean, Que., on 13 July 1985.
NORMAN LOUCKS, BCom'35, at Toronto, Ont., on 30 April 1985.
MARJORIE (ELLIS) VAN SCOYOC, BSc'35, of Sherborn, Mass., on 7 Feb. 1985.
DORIS (BECKER) VENIS, BHS'35, of Montreal, on 13 May 1985.

'36
ARCHIBALD EDINGTON, BSc'33, MD'36, at Willowdale, Ont., on 8 May 1985.

'37
REGINALD BOTT, BA'37, of Montreal, on 1 May 1985.
LOYOLA DUFFY, DDS'37, of Charlottetown, P.E.I., on 28 June 1984.
CEDRIC GRANDA, BCom'37, at Coral Gables, Fla., on 29 June 1985.
GEORGE HALL, BCL'37, at Montreal, on 3 May 1985.
ALBERT MOSS, MSc'37, PhD'39, at Victoria, B.C., on 21 Feb. 1985.
WILLIAM MARSH, MD'37, at Walnut Creek, Cal., on 19 July 1985.
BRETE NOWLAN, BEng'37, of Montreal, on 4 July 1985.

'38
ANNIE CRACK, BA'38, at Montreal, on 4 June 1985.
HARRY DUPUY, BEng'38, at Puslinch, Ont., on 5 May 1985.

'39
ATHOL CHURCH, MD'39, of Port Dover, Ont., on 24 May 1985.
DR. SIMON GOLDBERG, BA'39, MA'40, of New York, N.Y., on 24 May 1985.
LEO ROBACK, BA'39, of Montreal, on 27 June 1985.

'40
ARTHUR JAMES HOLDEN, BCom'40, at Montreal, on 11 March 1985.

'43
MARION "Honey" (DICKSON) MUNN, BA'43, at Brome, Que., on 28 April 1985.
RAYMOND NOWOSADKO, DDS'43, of Norwichtown, Conn., in February 1985.

'46
VLADMIR HOSPADARUK, BSc'46, PhD'53, at Clearwater, Fla., on 13 July 1985.

'49
ROBERT DUFORD, BCom'49, of Vancouver, B.C., on 27 April 1985.
IAN MILNE, BSc'47, MD'49, DipIntMed'54, of Lachute, Que., on 13 July 1985.

'50
JOHN NEWMAN, BEng'50, of Dorval, Que., on 4 Sept. 1985.
JOHN SAVAGE, BEng'50, of Daly City, Cal., in September 1984.
PAUL TRACEY, BSc(Agr)'50, in Saint John, N.B., on 18 April 1985.

'51
LEONARD "Len" AUGER, BEng'51, at Ottawa, Ont., on 7 May 1985.
PETER KOZAK, DipUrol'51, of Quebec City, on 1 May 1985.
EDWIN SMALL, BSc'50, DDS'51, at Oakville, Ont., on 6 July 1985.

'52
GEORGE TOMKINS, MA'52, LLD'83, at Vancouver, B.C., on 29 April 1985.

'53
ELIZABETH (RADLEY) HUTCHISON, BA'53, at Montreal, on 28 May 1985.
ABRAHAM SHUSTER, BSc'49, BCL'53, of Montreal, on 6 June 1985.

'54
JOSEPHINE (CHAMBERLAIN) GIESBRECHT, BLS'54, of London, Ont., in April 1983.

'57
DOUGLAS McCARTER, BEng'57, at Scarsdale, N.Y., on 27 April 1985.

'60
IVAN "Bev" ELLS, BSc(Agr)'60, of Bowmanville, Ont., on 16 Feb. 1985.
ALBERT-CLAUDE ENGELBERT, BCom'60, at Lausanne, Switzerland, on 16 May 1985.

'61
V. STEPHEN PAPEZIK, PhD'61, of St. John's, Nfld., on 23 June 1984.

'62
DR. SUSAN (BROWN) CHARTRES, BA'62, of Charlottesville, Va., in October 1983.

'68
ELIZABETH (GRACON) MILLINGTON, BN'68, at Guelph, Ont., on 2 May 1985.

'70
SUSAN (THOMPSON) MASSEY, BA'70, at Buffalo, N.Y., on 19 Nov. 1984.

'75
JUDY TINKER, BEd'75, MEd'81, at Montreal, on 30 May 1985.

'76
NEELAM BERY, MScAp'76, of Westmount, Que., on 23 June 1985.

'80
ELIZABETH CROW-BAKER, MLS'80, at Montreal, on 3 July 1985.□

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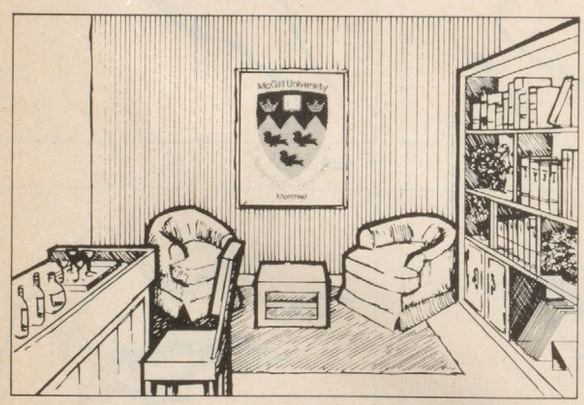
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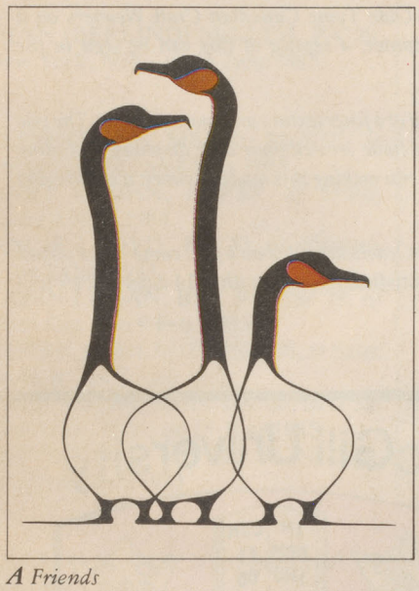
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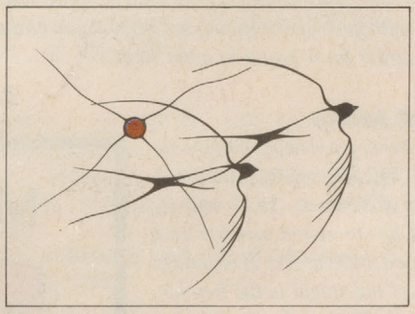
A Friends

A mainly self-taught artist, Chee Chee was a prominent member of the second generation of woodland Indian painters.

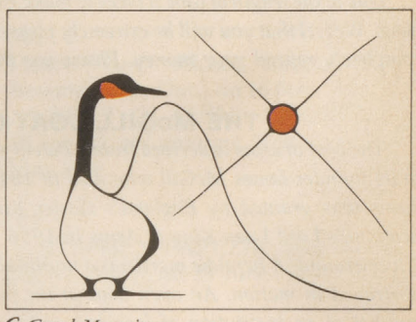
Unlike many of his contemporaries who employed direct and "primitive" means, Chee Chee's work was influenced by modern abstraction. His style reduced line and image in keeping with international modern art.

At the age of 32, at the height of his success, Chee Chee died tragically by suicide.

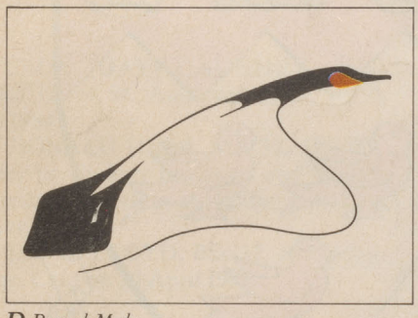
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B Swallows



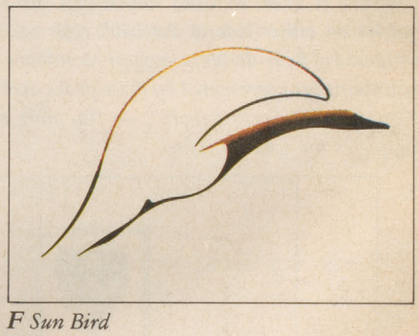
C Good Morning



D Proud Male



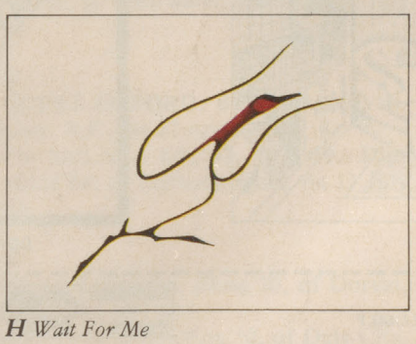
E Mother & Child



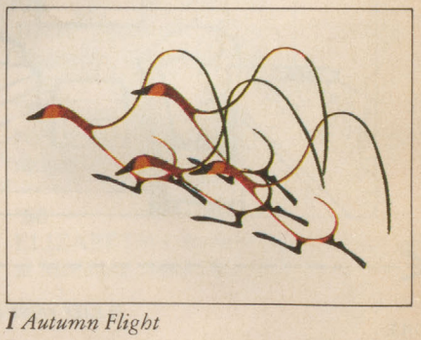
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